Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Assam—(July 20th)		
Gauhati	·67	Weather hot, with occasional rain. Public health fair. Malaria fever still reported from Barpeta. Cattle-disease reported from Pattidarrang. Rain much wanted for transplanting *sdil*. *Aus* crop being reaped, reported abundant.
Sylhet	·96	State and prospects of crops good.
Cachar	3·21	Weather seasonable. About half of the *dumai* and *murali* crops reaped. Cultivation of *sdil* crops continues. Prospects of tea, and general health, good. Common rice 14 seers 8⅞ chittacks per rupee.
Dibrugarh	1·41	Weather seasonable. Reaping of *ahu* propressing, outturn good. Tea doing well. Public health fair.
Mysore and Coorg—(July 21st)		
Bangalore	Rainfall very good in Shimoga and in parts of Kadur and Hassan districts, slight in other parts, wanted in Bangalore and Tumkur districts and in the Kadur taluk.	Standing crops in good condition. Prospects of season favourable. Public health generally good. Fever, small-pox, and cattle-disease prevalent in parts. Prices stationary.
Mysore		
Mercara	7·41	Standing crops in good condition. Transplanting of rice in progress.
Berar and Hyderabad—(July 20th)		
Amraoti	8·14	Weather cloudy and rainy. Cotton plants slightly injured by excessive rain. *Jowari* sowings progressing. Cholera less prevalent. Wheat 15 and *jowari* 25 seers per rupee.
Akola	8·87	Weather cool, with abundant rain. *Kharif* sowings in progress. Cholera still prevalent. Cattle-disease continues.
Hyderabad	Average 1·09; total since 1st January, 8·29.	Cattle-disease prevalent in almost all talukas. Prices—wheat 12¼, coarse rice 12¼, white *juar* 18¼, yellow *juar* 21, and *tur* 14¼ seers per current sicca rupee.
Central India States—(July 20th)		
Indore	5·28	Constant rain, but clear the last two days.
Morar (Gwalior)	3·60	Two fatal cases of cholera in Lashkar. Prospects good. Weather seasonable.
Sutna	4·65	Cholera still lingers, otherwise health good.
Neemuch	4·37	Health good.
Goona	3·10	Health good.
Agar	2·50	Prospects good. Health fair.
Sehore	4·00	Weather seasonable. Crops and health good.
Nowgong	11·17	Weather cloudy. Prices rising. Cholera reported from Datia.
Bhopawar	4·39	Health good. Prices stationary.
Rajputana—(July 20th)		
Abu (July 20th)	11·17	Weather windy and overcast, but seasonable.
Sirohi („ 17th)	3·14	Tanks nearly full; wells good. Health good. Crops being sown. Weather overcast and cool.
Marwar („ 16th)	·93	Some water brought into Jodhpore city tanks. Health good in city, but districts unhealthy. Sowings general. Weather very cloudy. Rains general, but unusually little in city and very heavy in districts. Prices tending to fall.
Meywar („ „)	5·21	Water increasing in tanks and wells. Crops fair. Health fair. Prices stationary. Weather seasonable.
Pertabgurh („ „)	6·24	Water in tanks and wells increasing. Health good. Prices fluctuating. Weather cloudy.
Harowti („ „)	Deoli, 8·24; Tonk, 16·29; Shahpura, 3·45; previous week, 1·79	Weather rainy. Sowings progressing. Health good.
Jhallawar („ 17th)	8·91; good and general rain.	Health and prospects excellent.
Ajmere („ 19th)	Average 4·00	Weather cloudy. Four small tanks in Todgurh overflowed. Cattle, which suffered for want of fodder, are dying. Out of 17 fresh cholera cases in city, 9 fatal. Prices stationary.
Jeypore („ „)		Prospects favourable.
Kerowlee („ 16th)	10·96	Tanks and wells full. Cultivation in progress. Cholera decreasing. Prices steady. Weather seasonable.
Dholepore („ „)	Average 4·90	Tanks and wells filling. Sowing continues. Prospects good. Health good. Prices stationary. Weather seasonable.
Bhurtpore („ 19th)	2·70	Sowings in progress. Health good.
Ulwar („ „)	Average 2·89	Cholera decreasing.
Kotah („ 16th)	4·21	Health good. Crops germinating.
Kherwara („ 17th)	3·11	Tanks and wells not so low. Grass growing at last. Health good. Prices steady. Weather seasonable and excellent for crops.
Bikanir („ „)	·361 heavier in some districts.	Sowings continue. Health good. Prices stationary. Weather cloudy and stormy.
Nepal—(July 15th)		
Kathmandu (July 14th)	2·61	Heavy showers and sultry weather in the intervals. The rice crops promise well at present.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weather Review of India for the week ending the 20th July, 1887.

For the first few days of the past week the weather over the greater part of India was largely dependent on the cyclonic storm, which traversed the country from East to West between the 13th and 17th. After the latter date there occurred a general recovery of pressure, and meteorological conditions underwent a sudden change, a break in the rains setting in over the Gangetic Plain and partially on the West Coast also.

On the 14th, on the West Coast, from Kurrachee as far south as Cochin, strong monsoon winds were blowing. In the South they passed inland right across the Peninsula; but in the North they were influenced by the low pressure area lying near Raipur, and on reaching the Central Provinces became merged in the circulation existing round that depression.

On the 15th comparatively little change was reported. In the South the monsoon current crossing the West Coast continued its course westward right across the Peninsula, while in the North it poured into the cyclonic vortex over the Central Provinces.

On the 16th, except on the Malabar Coast, the winds of Western India had become much more southerly. This southerly direction carried the current northward across the Berars up the Gangetic Plain; but on the following day there were indications of its growing lighter, while at the same time the rainfall due to it was diminishing. On the 16th the current from the Bay was practically interrupted, and the winds over Bengal were light and variable, with little or no rain. On the 17th, owing to a brisk barometric fall over Bengal and the head of the Bay, the normal south-easterly direction of the wind was reversed, and north-westerly breezes prevailed over the Lower Gangetic Plain and across Bengal. The chart of the 18th showed that, while the prevailing current over Bengal continued north-westerly, local eddies had been set up in different parts of Bengal, which had resulted in several moderate or heavy falls of rain. Variable winds and local showers of rain continued on the 19th; but on the 20th there occurred a change towards more normal conditions. The low pressure area, which had existed over the head of the Bay and which had deflected the monsoon current towards Arakan, showed signs of moving westward, leaving the way open to the monsoon to once more spread over Bengal.

In Upper India, and particularly in the Punjab, conditions during this week have not been altogether satisfactory. In the early part of the week a feeble current from the Bay passed up the northern side of the Gangetic Plain, giving slight rain to several places on or near the Central Provinces, &c., as far as the Gangetic Plain, where the wind backed to south-east, and so travelled north-westward across the Punjab to the Indus Valley. On the 17th similar conditions prevailed over the greater part of Western and North-Western India; but over the Central parts of the country the current had undergone a shift to west, and in some places even showed a tendency to veer towards north-west. On the 18th the chart showed that the whole of the current from the Arabian Sea had become more or less westerly. With this change had come a considerable decrease in its rainbearing properties, and a few showers only were reported from the more Western and Central stations. On the following day the westing in the wind's direction continuing strongly marked, the amount and the area of the rainfall still further diminished. On the 20th there were some indications of a change. The current crossing the West Coast had become stronger and more southerly, and the rainfall area larger; but the character of the fall was unchanged, rain occurring rather as local showers than as part of a general fall.

The Bay of Bengal branch of the monsoon current has been very irregular. On the 14th a fairly strong wind was blowing across the Bengal Coasts, and extending for some distance to the hills, but hardly affecting the weather in the Punjab. After the 17th, however, this current was cut off; and from this date until the last day of the period the plains of the North-Western Provinces had no rain, though a little was received by the north and east of the Punjab, derived from the Bombay current.

So far, then, the seasonal rainfall of Upper India has not improved at all during the past week, and, as will be seen from the following figures, the deficiency in some parts of the Punjab is now proportionately very large :

Stations.	Total Rainfall since June 1st, 1887.	Average Rainfall, June 1st to July 20th.	Difference.
Akyab ...	46·44	78·30	—31·86
Saugor Island ...	20·97	21·13	— 0·16
Calcutta ...	21·65	19·61	+ 2·04
Dhubri ...	36·09	35·81	+ 0·28
Purneah ...	21·02	21·55	— 0·53
Gya ...	9·59	12·15	— 2·56
Allahabad ...	7·94	10·36	— 2·42
Meerut ...	6·98	7·73	— 0·75
Delhi ...	10·40	7·96	+ 2·44
Lahore ...	3·34	5·25	— 1·91
Peshawar ...	.....	0·66	— 0·66
Cochin ...	43·63	48·25	— 4·62
Ratnagiri ...	67·06	56·29	+10·77
Bombay ...	50·47	36·15	+14·32
Poona ...	12·95	9·50	+ 3·45
Surat ...	21·61	17·88	+ 3·73
Khandwa ...	17·76	12·46	+ 5·30
Nagpur ...	24·66	16·40	+ 8·26

This table shows that there is a large deficiency on the Arakan Coast; that over Bengal and Assam the rainfall is about, or a little in excess of, the average, but that from Behar right up the Gangetic Plain as far as Peshawar, except about Delhi, the seasonal fall is deficient, the largest relative deficiency being in the Punjab. On the West Coast and over the Central Provinces the rainfall has been exceptionally heavy.

The Cyclonic Storm.—The storm mentioned above lay near Jessore on the morning of the 13th; on the 14th it had reached Raipur, on the 15th Hoshangabad, and on the 16th Hyderabad. By the 17th it had disappeared across the Indus into Baluchistan. It had been followed in its course across the country by a very rapid recovery of pressure, the rise in twenty-four hours at some stations in the rear of the storm amounting to as much as 0·25″.

The concluding table gives the total rainfall of the past week for the different Provinces:

Divisions.	No. of Stations.	Total Rainfall.
Burmah ...	6	43·57
Bengal and Assam ...	16	34·07
North-Western Provinces and Oudh ...	9	9·55
Punjab ...	4	3·23
Hill Stations ...	6	23·03
Ceylon ...	2	0·83
Malabar Coast ...	5	12·42
Bombay ...	9	27·02
Berars and Central Provinces ...	10	57·99
Guzerat and Central India ...	6	17·42
Sind—Rajputana ...	5	17·18
Madras ...	13	6·40

W. L. DALLAS,

SIMLA, 22nd July, 1887. for *Meteorological Reporter to the Government of India.*

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XI OF 1887-88.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used, as far as possible.

Latest Return received.	Railways.	Total mean length open.	Receipts for week ending 19th June, 1886. Total.	Receipts for week ending 19th June, 1886. Per mile open.	Total mean length open.	Receipts for week ending 18th June, 1887. Total.	Receipts for week ending 18th June, 1887. Per mile open.	Total Receipts from 1st April, 1886, to 19th June, 1886. Total.	Total Receipts from 1st April, 1886, to 19th June, 1886. Per mile open per week.	Total Receipts from 1st April, 1887, to 11th June, 1887. Total.	Total Receipts from 1st April, 1887, to 11th June, 1887. Per mile open per week.	Total increase in 1887-88.	Total decrease in 1887-88.
	Lines worked by Guaranteed Companies.		*Rs.*	*Rs.*		*Rs.*	*Rs.*	*Rs.*	*Rs.*	*Rs.*	*Rs.*	*Rs.*	*Rs.*
25th June, 1887	Oudh and Rohilkhand	680	1,20,522	177	686	1,07,921	157	18,32,376	236	17,01,852	220	...	1,30,524
First 2 days of July, 1887	Madras	861	1,50,869	175	831	1,48,477	179	17,37,156	177	17,98,431	192	61,275	...
Ditto	South Indian	654	1,03,237	158	654	1,02,233	156	11,32,579	158	11,43,471	155	10,892	...
Last 5 days of June, 1887	Great Indian Peninsula	1,497	5,59,105	374	1,497	8,47,579	567	1,13,95,067	666	1,25,91,943	745	11,96,876	...
2nd July, 1887	Bombay, Baroda and Central India	461	3,23,087	701	461	2,40,000	521	41,41,565	786	38,26,858	736	...	3,14,707
	TOTAL	4,153	12,56,820	303	4,129	14,46,210	350	2,02,38,743	426	2,10,62,555	452	8,23,812	...
	State Lines worked by Guaranteed Companies.												
First 9 days of July, 1887	East Indian	1,515	8,48,377	560	1,519	9,03,389	595	1,14,81,747	663	1,11,14,598	648	...	3,67,149
Ditto	Patna-Gya	57	9,795	171	57	8,196	143	1,15,687	177	1,06,932	166	...	8,755
Ditto	Dildarnagar-Ghazipur	12	1,074	90	12	772	64	13,796	115	12,985	96	...	2,811
Ditto	Sindia	75	7,766	104	75	9,176	123	86,316	102	1,00,697	119	14,181	...
2nd July, 1887	Rajputana-Malwa (*a*)	1,664	4,04,864	243	1,664	3,54,000	213	40,52,349	245	42,16,540	225	...	4,35,809
25th June, 1887	Southern Mahratta	315	36,154	114	674	70,934	105	4,01,080	111	7,30,106	105	3,28,426	...
First 9 days of July, 1887	Indian Midland	42	1,553	37	42	2,341	56	26,422	55	47,738	101	21,316	...
25th June, 1887	Lucknow-Sitapur-Sihramau	...	...	...	85	4,054	47	...	...	47,639	53	47,639	...
	TOTAL	3,680	13,09,583	356	4,128	13,52,856	328	1,67,80,197	399	1,63,77,235	356	...	4,02,962
	State Lines worked by Government.												
Last 12 days of June, 1887	Eastern Bengal (*b*)	606	1,26,350	208	645	1,20,700	187	15,61,017	225	15,22,188	209	...	38,829
First 9 days of July, 1887	Nalhati	27	2,491	91	27	1,515	56	21,383	69	21,201	69	...	182
Last 12 days of June, 1887	Tirhoot	246	30,623	124	249	35,754	144	3,84,087	137	4,17,202	148	33,115	...
First 9 days of July, 1887	Wardha Coal	45	16,087	357	45	13,093	291	1,82,161	354	1,93,859	382	11,698	...
Ditto	Nagpur and Chhattisgarh	149	20,283	136	149	16,441	110	4,68,092	275	4,69,564	279	1,472	...
Last 5 days of June, 1887	Burma	327	38,251	117	327	52,722	161	5,51,036	148	7,17,096	194	1,66,060	...
18th June, 1887	Cherra-Companyganj	...	...	...	7	21	3	...	...	538	7	538	...
Last 5 days of June, 1887	North-Western (*c*)	1,860	5,26,620	282	2,083	4,66,644	224	59,85,898	280	50,02,730	213	...	9,83,168
18th June, 1887	Bareilly-Pilibheet	36	3,205	92	36	1,932	54	24,659	60	22,424	55	...	2,235
Last 5 days of June, 1887	Jorhat	26	843	32	26	1,181	45	7,122	24	10,589	36	3,467	...
First 9 days of July, 1887	Bilaspur-Etawa (Kutni-Umaria Section)	...	...	...	38	1,402	37	...	...	17,203	40	17,203	...
	TOTAL	3,331	7,64,843	230	3,632	7,11,405	196	91,85,455	241	83,94,594	205	...	7,90,861
	GRAND TOTAL (GUARANTEED AND STATE)	11,164	33,31,246	298	11,889	35,10,471	295	4,62,04,395	362	4,58,34,384	343	...	3,79,011
	GROSS ESTIMATED EXPENSES	...	...	...	...	...	...	2,01,97,374	158	(*d*) 2,00,07,522	150	...	...
	NET RECEIPTS	...	...	...	...	...	...	2,60,07,021	204	2,58,26,862	193	...	1,80,159
	Assisted Companies.												
Last 12 days of June, 1887	Bengal Central	125	14,209	114	125	11,550	92	1,35,206	95	1,36,494	97	1,288	...
18th June, 1887	Rohilkhand-Kumaon	67	8,072	120	67	5,589	83	84,324	110	82,999	110	...	1,325
25th ditto	Dibru-Sadiya (late Assam)	78	6,731	86	78	7,974	102	79,092	89	96,784	110	17,692	...
Last 12 days of June, 1887	Bengal and North-Western	303	48,566	160	376	38,710	103	5,06,771	146	5,66,189	132	59,418	...
First 9 days of July, 1887	Tarakessur	22	5,097	229	22	4,798	216	67,794	267	65,846	263	...	1,948
	TOTAL	595	82,665	139	668	68,621	103	8,73,187	128	9,48,312	126	75,125	...
	Native States.												
First 9 days of July, 1887	Bhavnagar-Gondal	193	21,970	113	193	14,463	75	3,27,694	148	3,34,033	153	6,339	...
25th June, 1887	Jodhpore	64	4,071	63	124	7,900	64	47,695	65	84,770	61	37,075	...
Last 12 days of June, 1887	Nizam's	208	25,460	122	208	24,036	116	2,76,736	116	3,67,837	137	91,101	...
Last 5 days of ditto	Mysore	140	9,330	66	140	10,324	73	93,480	60	1,07,624	68	14,144	...
25th June, 1887	Rajpura-Patiala	16	1,575	98	16	965	60	16,664	88	12,798	71	...	3,866
25th ditto	Morvi	24	1,026	35	68	1,957	29	16,187	59	46,090	61	30,903	...
	TOTAL	645	63,432	98	749	59,645	80	7,79,856	106	9,53,732	113	1,73,876	...

(*a*) Includes the Cawnpore-Achnera State Railway.
(*b*) Includes the Northern Bengal, Dacca, Kaunia-Dharlla, and Assam-Behar Railways.
(*c*) Includes the Amritsar-Pathankot Railway.
(*d*) Calculated on percentage used for the corresponding period of 1886.

SIMLA,
The 22nd July, 1887.

JAMES RAMSAY,
Offg. Under-Secretary.

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SUPPLEMENT TO

The Gazette of India.

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OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in* PART VI *of the* GAZETTE.

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GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Surveys.

REMARKS ON THE REPORT OF THE SURVEY OF INDIA DEPARTMENT FOR 1885-86.

Circular No. $\frac{39. S.}{56-8.}$

Extract from the Proceedings of the Government of India, in the Revenue and Agricultural Department (Surveys), under date Simla, the 19th July 1887.

READ—

The General Report on the Operations of the Survey of India Department for the year 1885-86.

RESOLUTION.

DURING the greater portion of the year, the administration of the Department was in the hands of Lieutenant-Colonel H. R. Thuillier, R.E., Colonel G. C. DePrée, S.C., the Surveyor General, having been obliged in February 1886 to proceed on furlough to England owing to ill-health. Intimation of the death of Colonel DePrée has recently been received with regret. After a service of 37 years in India, in nearly 33 years of which Colonel DePrée was connected with the Survey of India Department, he was about to retire on pension.

Colonel J. Sconce, S.C., resumed charge of the superintendence of Revenue surveys on his return from furlough in March 1886. Several changes took place in the personnel of the Head-Quarters Offices, owing to the departure on leave of Lieutenant-Colonel Waterhouse and Majors C. Strahan and M. W. Rogers. Colonel C. T. Haig, R.E., continued to superintend the Trigonometrical Branch at Dehra.

2. The first part of the Report contains a summary of the operations of the year, while detailed accounts of the work of the several parties are given in Part II. The different operations were carried on by 25 parties, *viz.*, one Coast Triangulation, 10 Topographical, 6 Cadastral, 5 Traverse, 1 Geographical, and 2 Astronomical parties. Before remarking on the work accomplished, it may be observed that the old system of naming each party according to the province, district, or other locality in which it is employed, has been given up, and all the parties have now been serially numbered. The number now given to each party will be borne by it as long as it exists and in whatever locality it may be employed.

Secondary Coast Triangulation.

3. Secondary triangulation was carried along the east coast from Coconada to Masulipatam. The total distance triangulated was 145 miles; and the positions of 9 beacons, besides 7 other permanent marks, fixed for the use of the Marine Survey Department.

4. Three out of the 10 Topographical parties completed the surveys on which they had for some years been respectively engaged in the Andaman Islands, Cutch, and Mysore.

Andaman Islands.

5. The survey of the Andamans has been executed generally on the scale of ½ inch = 1 mile, with special portions round the Port Blair Settlement on the 4-inch scale. The surveys cover all the islands excepting a large part of Little Andamans, where a survey was impracticable. The Governor General in Council is pleased to observe the commendation again bestowed on Captain Hobday and his assistants, both by the Officiating Surveyor General, and also by the Superintendent of Port Blair and the Nicobars. His Excellency also desires to express his thanks to the local authorities for the valuable assistance rendered to the survey party, to which the success of the operation is said to be largely due.

Cutch.

6. In addition to Cutch, the adjacent Rán, the peninsula of Nagar Párkar, and small portions of North Gujarát have been topographically surveyed.

Mysore.

7. The Mysore Survey was commenced in November 1875, and has therefore lasted for 11 years. The operations were, however, greatly impeded during the first three years by famine, and the outturn of work during that period by two full parties was only 4,701 square miles. Since November 1877 only one party has been at work and has completed the remaining large area of 26,238 square miles.

8. Three parties worked in the Bombay Presidency in the Deccan and Gujarát Districts and the Southern Mahratta Country.

Deccan.

The Deccan party surveyed a total area of 1,675 square miles, lying partly in the Kolába, Ratnagiri, and Satara Districts, and partly in the Kolába, Kolhápur, and South Mahratta Agencies. Some traversing, and the forest boundary survey in the Kolába and Ratnagiri Districts, was also executed. After the close of the year's work, the party was transferred to the Central Provinces for the prosecution of Revenue surveys. An area of 11,953 square miles has been left unfinished in the Deccan, which must lie over until the Revenue surveys required in connection with Settlement operations in the Central Provinces and elsewhere have been completed.

Gujarát.

9. The Gujarát party surveyed a total area of 2,524 square miles, besides triangulating 749 square miles and traversing with the theodolite 422 linear miles. A small party was also attached to the Special Commission appointed to settle the boundary dispute between Baroda and the Dangs States, when some boundary surveying was accomplished.

South Mahratta.

10. The South Mahratta party surveyed an aggregate area of 1,672 square miles, lying chiefly in Belgaum, but partly in the Dhárwár District and some neighbouring Native States. The skeleton traverse survey of the forests of six villages in Khánápur taluka was completed, and the work partially done

for six other villages. A large area was also triangulated and traversed in advance for the next season's topography.

Mirzapur.

11. The party employed on the Mirzapur Survey has carried out the following operations :—

(*a*) the Detail survey of 487 square miles on the scale of 2 inches=1 mile, and 194 square miles of triangulation;

(*b*) the Revenue survey of village boundaries in the Dudhi Pargana;

(*c*) the setting up of the theodolite at 6,419 stations, embracing 1,172·6 miles of traverse. This work has proved that, with the aid of traverses, village maps can be utilised for the compilation of standard topographical sheets;

(*d*) the completion of records and General Reports of the Bhopal-Malwa and the Khandesh and Bombay Native States surveys.

Rajputana.

12. In Rajputana 3,540 square miles were surveyed on the ½-inch scale in portions of Jodhpore and of the Maláni Districts near Bármer and the Luni river. On the scale of 1 inch=1 mile an area of 256 square miles was surveyed in a tract lying on the junction of the boundaries of the Jodhpore, Sirohi, and Pálanpur States. Triangulation in advance covered an area of 5,850 square miles. The village boundary sheets of the Ajmere-Merwara Survey were revised, and the district maps compiled.

Baluchistan.

13. In Baluchistan, one party was employed principally in work of a special nature for the requirements of the Military Department. The country surrounding Quetta was surveyed on the 2-inch scale, and also a portion of the Khwaja-Amran mountains, extending from the Ghwája Pass on the south to the Bogra Pass on the north. The routes between the Registan and Baluchistan were also explored, and very fair progress was made in the operations for the regular topographical survey of the country.

Burma Forest Survey.

14. One Topographical party continued the Forest surveys in Burma. The Detail survey, partly on the 4-inch scale and partly on the scale of 2 inches =1 mile, covered a total area of 330 square miles of forests, extending over the greater portion of the tracts drained by the Taungnyo river in the Tharrawaddy District and the Shwele river in the Prome District. The survey was also carried over the Shwedaung hills to the south of Prome. The triangulation of the year covered an area of 263 square miles, and the traverse survey 345 square miles. The outturn was smaller than in the preceding year, but this is accounted for by the fact that work was greatly impeded during the year under review by the unsettled state of the province, and by the withdrawal of some of the Surveyors for survey operations required in Upper Burma.

Cadastral Surveys.

15. The six Cadastral parties were employed in the districts shown in the following tabular statement, in which the total outturn of work of each party and particulars of cost of operations are also shown :—

Province.	District.	Area surveyed.	Average cost per square mile in 1885-86.				Average cost per square mile in 1884-85.			
			Traversing.	Detail surveying.	Record-of-rights, Khanapur.	Completion of records.	Traversing.	Detail surveying.	Record-of-rights, Khanapur.	Completion of records.
		Sq. M.	*R*	*R*	*R*	*R*	*R*	*R*	*R*	*R*
Burma	Akyab	661	60·2	183·9	...	...	78·5	205·6	...	...
North-Western Provinces	Gorakhpur	820	20·5	70·5	30·5	38·5	16·8	66·3	34·3	43·9
Ditto Ditto	Basti	789	22·6	83·4	40·5	47·0	21·4	87·9	61·7	53·5
Central Provinces	Bilaspur	763	16·1	70·1	82·0	...	...	...	...	...
Assam	Kamrup	468	33·4	94·2	68·6	...	31·8	92·8	42·8	48·3
Bengal	Mozufferpore	414	28·8	97·1	59·5	69·5	...	...	...	...

Akyab.

16. The tracts surveyed in the Akyab District are very much scattered, but mainly lay on the borders of the Kaladan and Padu rivers, east and north of the town of Akyab; while other tracts were situated in the valleys to the north-west of the district.

Gorakhpur.

17. In Gorakhpur District the Hata and Paranna tahsils were cadastrally surveyed, and, in addition, 41·07 square miles in the Sarun District in Bengal were surveyed topographically. Some changes were made in the system of cadastral surveys adopted in Gorakhpur, and will, it is believed, have the effect of accelerating the work and of saving some of the expenditure hitherto incurred by the Settlement Department.

Basti.

18. The Cadastral operations of the Basti party were confined to the Basti and Khalilabad tahsils. A survey on the 4-inch scale of the villages on the right bank of the Gogra river was also effected.

Bilaspur.

19. The surveys in Bilaspur were carried out on the Gorakhpur system. The Surveyors were new to the work, and there were other reasons which tended to make the average cost higher than in Gorakhpur, but it is confidently expected that lower rates will be exhibited as the result of the next season's working.

Kamrup.

20. The operations of the year brought to a close the Cadastral survey of the Kamrup District; some preliminary traversing was also done for the survey of the Darrang District.

Mozufferpore.

21. In the Mozufferpore District the Cadastral survey and record-of-rights were completed in Tappa Chakla Nosi (except 3 or 4 square miles within the Mozufferpore Municipality), and in Tappa Bhatsala (except an area of 90 square miles). The cost rate of the operations, as shown above, is high as compared with that of similar work in other districts; but it includes several items of extraordinary expenditure, such as travelling allowances, carriage of equipment, cost of new tents, &c., amounting to R14,129. The detailed nature of the work, rendered necessary by local peculiarities, also tended to make the survey more expensive than in the North-Western Provinces traverse surveys.

Traverse Surveys, Ajmere.

22. Three-and-a-half full parties have been employed during the year under report. A detachment from one of these completed the survey of 51 jagir and of six minor istimrar villages in Ajmere, covering an area of 243 square miles.

Punjab.

23. The Punjab party resumed work in the Ludhiana and Umballa Districts, and extended them to the Jullundur, Hoshiárpur, and Gurdáspur Districts and to the Kapurthala State. The total outturn of work was :—

Traversing	3,770 sq. miles.
Mapping by reduction	1,922 ,,
Area tested	2,920 ,,
Area finally mapped	2,624 ,,

Central Provinces.

24. The remaining traverse parties were employed in the Central Provinces and surveyed a total area of 5,269 square miles in the Raipur, Sambalpur, Jubbulpore, and Damoh Districts. The operations in these districts consisted of a simple skeleton traverse survey, which will form the basis of complete skeleton maps, on which the patwaris will plot their measurements of the fields. The "field block" system of survey, which had been tried for two previous seasons in the Raipur and Sambalpur Districts, proved a failure, and has been finally abandoned.

Geographical and Miscellaneous. Himalaya party. Nipal boundary demarcation.

25. The Himalaya party was employed in continuation of the preceding years' operations on the Topographical survey of the Hill States about Simla and of the Kangra District, and on the demarcation of the Nipal-Bengal boundary on the Mechi river. Twenty-four miles of the boundary was demarcated, the erection and numbering of pillars being left over to be taken up on completion of the

entire line of boundary. The party also undertook to bring up the arrears of mapping connected with the Nipal Boundary Survey, the Sikkim Triangulation, and the Darjeeling Revisionary and Dahing Lands surveys. Very little progress was, however, made, and the arrears of mapping and computations were transferred to the Trigonometrical Branch for completion.

26. The following is the outturn of work in Kangra and the Hill States :— Kangra and Simla Hill States.

	sq. miles.	
Kangra	300	on the 16 inches=1 mile scale.
Suket, Mandi, Kumhársain and Bashahr States	308	„ 2 „
Ditto ditto . .	238	„ 4 „

27. A large quantity of work was done during the year under review under the head of Geographical Surveys and Reconnaissances. Great credit is due to the officers of the Afghan Boundary Commission for the very large area of 120,000 square miles surveyed in Afghanistan. The whole of the province of Herat, including the hitherto unknown Taimani and Firozkuhi country, was mapped; almost the entire province of Afghan Turkistan, with a large portion of the Hazara country in the neighbourhood of Bamian, was reconnoitred or surveyed; and, on the return march of the Commission, all the important passes of the Hindu Kush were surveyed. Geographical Surveys and Reconnaissances. Afghanistan.

28. The surveys executed by Colonel Woodthorpe, R.E., while attached to the Gilgit Mission, afford a mass of valuable information of the districts of Yasin, Chitral, Hunza and Wakkan. Colonel Woodthorpe's services merit the special commendation of the Government of India. Gilgit.

29. The route surveys executed by explorers M.—H. and R.—N. have added largely to the geographical knowledge of Nepal and Thibet and of Western and Eastern Bhutan, besides affording valuable information regarding the trade routes to Thibet. Explorer R.—N. also made an unsuccessful attempt to obtain accurate information on a long-disputed question as to whether the Brahmaputra or the Irrawaddy is the recipient of the waters of the Sanpo. Trade routes.

30. In Upper Burma Captain Hobday, with a small detachment of Surveyors, made a reconnaissance survey round Mandalay and compiled the reconnaissance sketches executed by officers with the Burma field force. Captain Hobday and a Surveyor joined two military expeditions, one to the Kachin Hills and the second to the south-east of Mandalay. They succeeded in extending triangulation southwards as far as latitude 21° and in surveying an area of 150 miles on the ¼ inch scale. Upper Burma.

31. Tidal observations were taken at 16 ports. Four new observatories were opened during the year at Bhavnagar, Cochin, Coconada, and Chittagong; and three observatories were closed at Diamond-Harbour, Amherst, and Moulmein, where the usual period of five years' registration had been completed. Tidal observations.

32. The spirit-levelling operations consisted of three main lines, (1) along the railway line from Madras, *viâ* Tanjore to Negapatam, (2) from Tanjore, *viâ* Ramnad to Pámban, and (3) from Ramnad to Tuticorin. Three pairs of test bench marks were also embedded in the vicinity of Negapatam, Pámban, and Tuticorin. Spirit-Levelling.

33. The two Astronomical parties resumed the electro-telegraphic observations for the determination of differential longitudes. Nine arcs were measured between stations of the Great Trigonometrical Survey, and observations taken on an experimental arc at Dehra Dun. Astronomical observations.

34. Very satisfactory progress has again been made in the operations of the Drawing, Engraving, Photographic, Lithographic and Mathematical Instrument Offices, full accounts of which are given in Part III of the Report. Head-Quarters Offices.

Maps issued.

Special maps.

35. The maps issued numbered 210,288, valued at R1,66,749. The income derived from the sale of maps amounted to R8,732-14-0. In the Map Drawing Office a great deal of work was executed for the Colonial and Indian Exhibition, among which were a map of the World, exhibiting the Export and Import Trade of India, and maps of India to illustrate Density of Population, Emigration, External Trade, Land Settlements and Revenue, Geology and Religions. Three small skeleton maps were drawn, showing—

(*a*) the Burma and Assam Frontier, (*b*) the Punjab and Afghanistan Frontier, and (*c*) the Sind and Baluchistan Frontier.

District and Provincial maps.

The district maps required for Administration Reports have all been completed, except two for Assam and two for the Central Provinces, and the Provincial maps have been taken in hand.

Mathematical Instrument Office.

36. The total number of Mathematical instruments issued to other Departments was 41,643 and their value R1,77,864. The serviceable stock increased during the year by 52,128 instruments, valued at R1,70,179. Of these, 13,453 were manufactured during the year at a cost of R21,454, and 3,103 instruments were repaired in the Mathematical Instrument Depôt, at a cost of R21,378, their value after repairs being estimated at R76,039. The account of the Mathematical Instrument Office at page cxviii of the Appendix shows a net profit of R3,887-5-0.

Dehra Office.

37. The principal work of the Dehra Office consists of the final reduction and publication of the various operations of the Great Trigonometrical Survey. Mr. Cole, the Superintendent, has been ably assisted in the work by Mr. Eccles. During the year under notice, the simultaneous reduction of the circuit triangles (South-West Quadrilateral), and the final reduction of Latitude observations taken up to the year 1884-85, were brought to completion. Considerable progress was also made in the secondary triangulation of the southern Trigon. The work of Solar photography was continued; 115 large and 525 small-sized pictures of the sun were taken.

38. The Survey Department has, during the year under review, made a considerable advance in the direction of improving its financial value to the State by undertaking work of a positively remunerative character. The most notable operation of this kind is the great Traverse survey of the Central Provinces, which, by providing a frame-work for the detailed field plotting of villages by district establishments, will probably enable the Revenue authorities to complete the assessment of about 40,000 square miles, without the loss of a single year's revenue. The performance of this work has thrown a heavy burthen on the Department, which it has borne in an admirable manner, at a time when, for financial reasons, it has been required to contract its establishments, and when the demands for a survey staff on the Boundary Commission, in Upper Burma and in the North-West Frontier, had added to its difficulties. A traverse survey of the same kind was effected in Ajmir, while a large amount of cadastral work was done in the North-Western Provinces, Central Provinces, Bengal, Burma, and Assam, and at the same time some valuable forest surveys were executed in Burma and Bombay. The Government of India is glad to acknowledge that in no previous year has the Department done more to prove its financial value to the State, and accords its thanks to Colonel Thuillier and the officers who assisted him for the energetic manner in which they have given effect to the policy advocated by the Government of carrying out survey operations in co-operation with the Revenue authorities on the system which has been found most conducive to the financial interests of the State. The labours of Colonel Barron, Major Sandeman, Colonel Steel, and Mr. Scott in the field of revenue survey, and the cordial assistance which they have, under Colonel Scomee,

rendered in placing Cadastral surveys on an economical basis, are especially deserving of acknowledgment.

39. The Department has at the same time sustained its reputation in the field of geographical survey, and the Government of India cordially confirms the remarks of the Surveyor General on the exceptionally valuable services performed by Major Holdich, Captains Gore and Talbot on the Boundary Commission, and by Colonel Woodthorpe.

40. The Government of India regrets that the strain which has been thrown on the Department, partly by financial pressure and partly, as pointed out by the Surveyor General in paragraph 35 of the Report, by the demands made for officers to accompany political and military expeditions, has been so exceptionally severe. It is trusted, however, that by the gradual contraction of the Topographical programme, such as has been effected by the postponement of the Deccan surveys, some relief may be afforded, although it must be acknowledged that the present expansion of the Cadastral and Military programmes justifies serious consideration of the danger suggested by the Surveyor General that the Department may not be able to meet all the demands made upon it. In the meantime, His Excellency in Council desires that his high appreciation of the loyal manner in which the Department has answered to every call for its services may be placed on record.

ORDER.—Ordered, that the above Resolution be forwarded to the Local Governments and Administrations named in the margin, and to the Surveyor General of India, and to the Foreign and Military Departments for information.

Madras.	Central Provinces.
Bombay.	Burma.
Bengal.	Assam.
N.-W. P. & Oudh.	Coorg.
Punjab.	

Ordered also, that it be published in the *Gazette of India.*

(True Extract.)

W. R. LAWRENCE,

for *Secy. to the Government of India.*

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Museums and Exhibitions.

RESOLUTION PUBLISHING PAPERS RECEIVED OFFICIALLY FROM SECRETARY OF STATE ON THE PROPOSED MELBOURNE CENTENNIAL EXHIBITION OF 1888 IN THE GAZETTE OF INDIA, AND FORWARDING A COPY TO LOCAL GOVERNMENTS AND ADMINISTRATIONS, WITH A REQUEST THAT THE PAPERS MAY BE PRINTED IN THE LOCAL GAZETTE.

Circular No. $\frac{12 \text{ Ex.}}{7\text{B.}-12}$.

Extract from the Proceedings of the Government of India in the Revenue and Agricultural Department, dated Calcutta, the 22nd July 1887.

MUSEUMS and EXHIBITIONS.

RESOLUTION.

READ the following Despatch,* with enclosures, received from Her Majesty's Secretary of State for India, regarding the proposed Melbourne Centennial Exhibition of 1888 :—

* No. 64 (S. & C.), dated the 16th June 1887.

No. 64 (Stats. & Comce.), dated India Office, London, the 16th June 1887.

From—THE RIGHT HONOURABLE VISCOUNT CROSS, G.C.B.,
Her Majesty's Secy. of State for India,

To—The Government of India.

I FORWARD herewith a copy of correspondence with the Colonial Office, relative to the proposed Melbourne Centennial Exhibition of 1888, for such action in the matter as you may deem advisable.

Dated Colonial Office, London, the 19th May 1887.

From—SIR R. H. MEADE, *Under-Secretary of State for the Colonies,*
To—The Under-Secretary of State for India.

I AM directed by the Secretary of State for the Colonies to transmit to you 50 copies, received from the Agent General for Victoria, of the Prospectus of the Melbourne Centennial Exhibition, 1888.

I am to request you will move Viscount Cross to take the necessary steps, as soon as practicable, to invite the representation of the Indian Government at this Exhibition.

Dated Colonial Office, London, the 21st May 1887.

From—SIR R. H. MEADE, *Under-Secretary of State for the Colonies,*
To—The Under-Secretary of State for India.

WITH reference to the letter from this Department of the 19th instant, I am directed by Secretary Sir H. Holland to acquaint you, for the information of Viscount Cross, that Her Majesty has decided to issue a Royal Commission for the Melbourne Centennial Exhibition, 1888, and I am to suggest, for His Lordship's consideration, that in bringing the proposed Exhibition to the notice of the Indian Government, the appointment of the Commission should be mentioned.

Dated India Office, London, the 16th June 1887.

From—J. A. GODLEY, Esq., *Under-Secretary of State for India,*
To—The Under-Secretary of State for the Colonies.

I AM directed by the Secretary of State for India in Council to acknowledge the receipt of your letters of the 19th and 21st ultimo, forwarding 50 copies of the Prospectus of the

proposed Melbourne Centennial Exhibition of 1888, for transmission to the Government of India, and informing Viscount Cross that a Royal Commission will be issued for the Exhibition, and I am to inform you in reply that a copy of your letters and enclosures has been forwarded to the Government of India for such action in the matter as they may deem advisable.

CENTENNIAL INTERNATIONAL EXHIBITION, MELBOURNE, 1888.

EXECUTIVE COMMISSIONERS.

President.

His Honour George Higinbotham, Chief Justice of the Supreme Court of the Colony of Victoria.

Vice-Presidents.

The Honourable Sir James MacBain, Knight, President of the Legislative Council.
" Peter Lalor, M.P., Speaker of the Legislative Assembly.
" Sir William John Clarke, Baronet, M.L.C.
Colonel The Honourable Frederick Thomas Sargood, C.M.G., M.L.C., President of the Melbourne Chamber of Commerce.

Members.

The Honourable James Munro, M.P.
" William Mountford Kinsey Vale, Treasurer to the Commissioners.
Joseph Bosisto, Esq., C.M.G., M.P.
Robert Murray Smith, Esq., C.M.G.
William Cain, Esq., J.P., Mayor of the City of Melbourne.
Thomas Houlden Thompson, Esq., J.P., Mayor of the City of Ballaarat.
Patrick Hayes, Esq., J.P., Mayor of the City of Sandhurst.
Lambton L. Mount, Esq., President of the Victorian Chamber of Manufactures.
William Arthur Trenwith, Esq., President of the Melbourne Trades Hall Council.
John Blyth, Esq., J.P.
Henry Byron Moore, Esq.

Secretary.

George T. A. Lavater, Esq.

Commission By—His Excellency SIR HENRY BROUGHAM LOCH, *Knight Commander of the Most Honourable Order of the Bath, Governor and Commander-in-Chief in and over the Colony of Victoria and its Dependencies, &c., &c., &c.*

To—The Honourable GEORGE HIGINBOTHAM, *Chief Justice of the Colony of Victoria; the Honourable* SIR JAMES MACBAIN, *Knight, President of the Legislative Council of the said Colony; the Honourable* PETER LALOR, *Speaker of the Legislative Assembly of the said Colony; the Honourable* SIR WILLIAM JOHN CLARKE, *Baronet, M.L.C.; Colonel the Honourable* FREDERICK THOMAS SARGOOD, *C.M.G., M.L.C., President of the Melbourne Chamber of Commerce; the Honourable* JAMES MUNRO, *M.L.A.; the Honourable* WILLIAM MOUNTFORD KINSEY VALE; JOSEPH BOSISTO, Esq., *C.M.G., M.L.A.;* ROBERT MURRAY SMITH, Esq., *C.M.G.;* WILLIAM CAIN, Esq., *J.P., Mayor of the City of Melbourne;* THOMAS HOULDEN THOMPSON, Esq., *J.P., Mayor of the City of Ballaarat;* PATRICK HAYES, Esq., *J.P., Mayor of the City of Sandhurst;* LAMBTON L. MOUNT, Esq., *President of the Victorian Chamber of Manufactures;* WILLIAM TRENWITH, Esq., *President of the Melbourne Trades Hall Council;* JOHN BLYTH, Esq., *J.P.; and* HENRY BYRON MOORE, Esq.

GREETING:

Whereas it is deemed advisable to hold an International Exhibition of Works of Industry and Art, at Melbourne, in the year of our Lord One thousand eight hundred and eighty-eight, in commemoration of the centenary of the founding of the first Colony of Australia, to be called "The Centennial International Exhibition, Melbourne, 1888:" Know ye that by the power and authority vested in me by the Act numbered Four hundred and twenty-two, I, the Governor of the said Colony, with the advice of the Executive Council thereof, relying on your loyalty, integrity, learning, and ability, have constituted and appointed and by these presents do constitute and appoint you the said George Higinbotham, Sir James MacBain, Peter Lalor, Sir William John Clarke, Frederick Thomas Sargood, James Munro, William Mountford

Kinsey Vale, Joseph Bosisto, Robert Murray Smith, William Cain, Thomas Houlden Thompson, Patrick Hayes, Lambton L. Mount, William Trenwith, John Blyth, and Henry Byron Moore, to be Commissioners to take measures for the holding of such International Exhibition, and to carry out and superintend such Exhibition; and for the erecting, altering, and maintaining of suitable grounds and buildings for the purposes of such Exhibition; you keeping the entire control and management thereof until otherwise determined, and for appointing and regulating the charges for admission to such buildings, premises, or grounds, or the rent or hire of any part thereof or otherwise, and the application of the proceeds towards the objects and the expenses of the said Exhibition; and for appointing the purposes of public enjoyment and entertainment for which such buildings, premises, and grounds, or any part thereof, may be used and applied; and for obtaining such exhibits as may, in your judgment, be necessary to illustrate the progress of industry and art elsewhere; and for securing the most effective display of all articles sent for public exhibition, their safe custody, their due return to their owners, or their disposal otherwise, as may be arranged; and for determining as to the nature, number, and value of the prizes to be awarded to the exhibitors and the impartial distribution thereof; and generally to do and execute all other matters and things whatsoever deemed necessary by you for the full accomplishment of the duties entrusted to you by this Commission: And further I do hereby, with the advice aforesaid, constitute and appoint you the said George Higinbotham to be President, and you the said Sir James MacBain, Peter Lalor, Sir William John Clarke, and Frederick Thomas Sargood, to be the Vice-Presidents of the Commission: And do further constitute and appoint you the said Commissioners to be also the Executive Commissioners for the said Exhibition: And for your assistance in the due execution of this Commission I do hereby appoint George Theodore Adams Lavater, Esquire, to be Secretary to this Commission: And lastly, with the advice aforesaid, I do, by these presents, ordain that this Commission shall continue in full force and virtue until otherwise determined; and that you, the said Commissioners, or any five or more of you, shall and may from time to time, and at any place or places, proceed in the execution thereof, and of every matter and thing therein contained, although your proceedings may not be continued from time to time by adjournment.

Given under my Hand and the Seal of the Colony, at Melbourne, in the said Colony, this sixth day of January, in the year of our Lord One thousand eight hundred and eighty-seven, and in the fiftieth year of Her Majesty's reign.

HENRY B. LOCH.

(L. S.) *By His Excellency's Command,*

ALFRED DEAKIN,

Chief Secretary.

COMMITTEES.

The President, Vice-Presidents, and Treasurer are *ex-officio* Members of all Committees.

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1. FINANCE.

The President, *Chairman.*

HON. W. M. K. Vale, *Treasurer.*

Hon. J. Munro, M.P. | John Blyth, Esq., J.P.

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2. BUILDING.

W. Cain, Esq., J.P., *Chairman.*

L. L. Mount, Esq. | John Blyth, Esq., J.P.
Hon. J. Munro, M.P. | T. H. Thompson, Esq., J.P.

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3. ADVERTISING AND PRINTING.

Hon. J. Munro, M.P., *Chairman.*

W. A. Trenwith, Esq. | John Blyth, Esq., J.P.
L. L. Mount, Esq.

The Government of Victoria having determined to hold an Exhibition of Arts, Manufactures, Agricultural and Industrial Processes, and Products of all nations during the year

1888, to celebrate the Centenary of the founding of New South Wales, the first Australian Colony, His Excellency Sir Henry Brougham Loch, Knight Commander of the Most Honourable Order of the Bath, Governor and Commander-in-Chief in and over the Colony of Victoria and its Dependencies, &c., &c., did, on the sixth day of January, 1887, by and with advice of the Executive Council, issue under the Seal of the Colony of Victoria a Commission authorizing measures to be taken for the holding of such Exhibition, and for the carrying out and superintending of the same.

In accordance with the powers vested in them by the aforesaid Commission, the Executive Commissioners have decided to open the

CENTENNIAL INTERNATIONAL EXHIBITION, MELBOURNE, 1888,

on the first day of August 1888, the said Exhibition to be kept open for six months, and closed on the thirty-first day of January 1889.

The Exhibition will be held in buildings which have been specially erected for Exhibition purposes, situated in the Carlton Gardens, in the City of Melbourne, and in such other buildings and grounds attached thereto as may be found to be required; and it is intended that the Exhibition shall be open in the evening as well as during the day.

Acting under the powers conferred upon them, the Commissioners desire to invite the British, Foreign, and Colonial Governments to take part in this Exhibition, and they trust that steps will be at once taken for the display of complete and thoroughly representative exhibits from every country and colony.

During the year 1885, Australasia, with a population of 3,500,000, imported from Great Britain goods to the amount of £32,000,000. The United States, France, and Germany, whose combined populations number 133,000,000, imported during the same period, from Great Britain to the amount of £53,000,000. Calculated at per head of the population, Australasia therefore imported nearly 23 times as much as the above-named countries combined; and this in addition to a large and increasing trade with other countries.

The mileage length of railways opened for traffic in the Australasian colonies amounts to 7,700 miles, and when the lines further authorized and now in course of construction are completed, they will reach a total length of 10,000 miles.

Already the capital cities of South Australia, New South Wales, and Victoria are connected by railway, the distance from Adelaide to Sydney, *viâ* Melbourne, being 1,100 miles. Between Sydney and Brisbane, the capital city of Queensland, a further distance of 710 miles, there remain only about 100 miles of railway to be constructed to connect the capitals of the four principal colonies, and as the construction of this portion is now being rapidly proceeded with, there will soon be uninterrupted communication between Adelaide, Melbourne, Sydney, and Brisbane, a distance of 1,800 miles.

In view of the remarkable growth of Australasia in all things relating to population, production, and general distribution of wealth amongst all classes, the facilities for rapid, economical, and easy transit, and its many other advantages, the Commissioners confidently invite all desirous of extending their commercial relations with these rapidly-extending communities to exhibit the fullest and most complete representations of their Raw Products, Skilled Industries, and Arts, at the Centennial International Exhibition, Melbourne, 1888.

APPLICATIONS FOR SPACE.

1. Governments intending to take part in this Exhibition are requested to forward an intimation to that effect not later than the 31st August, 1887.

2. Applications for space, with full particulars, are invited as early as possible. Copies of the official form of entry can be obtained upon application to the Secretary to the Commissioners, through the representatives of the country or colony to which the applicants belong. In the event of no representatives being appointed by the country or colony to which an intending exhibitor belongs, he can communicate direct with the Secretary. Applications for space should be made not later than the 31st August, 1887. Space assigned to countries and colonies, and not occupied on the 30th June, 1888, will revert to the Executive Commissioners, and will be subject to re-arrangement. Space will not be charged for, but power will be reserved by the Executive Commissioners to reduce the space allotted to any Government or any exhibitor, should they deem fit, at any time.

3. British, Foreign, and Colonial Governments, or Commissioners appointed by them, are requested to inform the Executive Commissioners, Melbourne, not later than the 31st December, 1887, whether they require any increase or diminution of the space offered them, and the

quantity. They are also requested to state whether there will be any exhibits for which special space should be provided, together with a description showing their nature and bulk.

4. Before the 31st May, 1888, the representatives of countries or colonies should furnish, for the approval of the Executive Commissioners, approximate plans, showing the manner in which they propose to allot the space assigned to them, together with lists of their exhibitors, and any other information necessary for the compilation of the official Catalogue. (*Vide* No. 13.)

SHIPMENT OF EXHIBITS.

5. Commissioners representing countries or colonies, and private exhibitors whose countries are not officially represented, but to whom space has been allotted, may adopt one of two courses, *viz.*—

(*a*) They can ship their exhibits direct to Melbourne, and make their own arrangements for their shipment, reception, and exhibition;

(*b*) Or consign their exhibits, freight and expenses prepaid, to

The Secretary,
Centennial International Exhibition, 1888,
Melbourne, Australia,

with specific instructions as to what is desired. Where it is found necessary to incur expenses on exhibits consigned to the Secretary, such expenses will be a first charge on such exhibits.

MARKS AND ADDRESS ON PACKAGES.

6. Packages forwarded from countries and colonies represented at the Exhibition should be addressed—

To the Commissioner for
Centennial International Exhibition, 1888,
Melbourne, Victoria,
Australia,

and the following information must be written on the outside of each package:—(1) The country from which the package comes. (2) Name or firm of exhibitor. (3) Address of the exhibitor. (4) Group and class to which exhibits belong. (5) Total number of packages sent by same exhibitor. (6) Serial number of that particular package. Each package must contain a list of contents.

Packages containing goods intended for the Exhibition must likewise have painted on them, as a distinctive mark, the following letters and figures within a triangle, thus—

C. I. E. M.
1888.

Packages from foreign countries must also be marked with the colours and devices of their national flag. Foreign Commissioners are particularly requested to send to the Executive Commissioners, Melbourne, as soon as possible, a specification of the packages forwarded, with their distinguishing marks.

CUSTOMS DUTIES, ENTRIES, &C.

7. Exhibits will be admitted free of duty for the purpose of exhibition. Customs entries, transportation, receiving, unpacking, and arranging the products for exhibition must be undertaken by the exhibitor, at his own expense.

TRANSPORT.

8. No charge will be made for carriage of goods intended for exhibition over the railway lines.

Arrangements will be made by which all goods intended for exhibition can be carted from the wharves, or the several railway stations, to the Exhibition Grounds at a fixed scale of charges.

REMOVAL OF GOODS.

9. The removal of goods, except under special circumstances, will not be permitted during the period the Exhibition is open. Delivery of exhibits sold will not be allowed until after

the close of the Exhibition. Special permits for the sale and delivery of goods and articles manufactured in and during the progress of the Exhibition may be given by the Executive Commissioners, should they deem fit.

PROTECTION TO INVENTORS AND OTHERS.

10. The protection of inventions capable of being patented, and of designs, is secured by the patent laws of Victoria. No work of art, nor any article whatever, exhibited in the buildings, parks, or gardens may be drawn, copied, or reproduced in any manner whatsoever, without the permission of the exhibitor. The Executive Commissioners reserve to themselves the right of authorizing the production of general views.

Sketches, drawings, photographs, or other reproductions of articles exhibited, will only be allowed upon the consent of the exhibitor and the approval of the Executive Commissioners; but views of portions of the building may be taken upon the sanction of the Executive Commissioners alone.

GOODS REQUIRING SPECIAL WORK OR ACCOMMODATION.

11. The placing and fixing of heavy articles, requiring extra foundations or adjustment, should begin by special arrangement as soon as the progress of the work upon the Exhibition Buildings will permit. The general reception of articles in the Exhibition Buildings will commence on the 1st May, 1888, and no articles will be admitted after the 15th July, 1888. The plans for the display and accommodation of objects that require either special arrangements or exceptional works for their display must receive the approval of the Executive Commissioners before work is commenced, and all such works must be carried out under the supervision of their officers. The works of general fitting-up must be commenced not later than the 1st June 1888, and the Courts must be ready to receive goods before the 1st May 1888.

The Executive Commissioners, if they deem fit, will grant permission for the erection of approved special constructions in the buildings or grounds, at the cost of the exhibitor.

EXHIBITS NOT FOR COMPETITION.

12. If exhibits are not intended for competition, it must be so stated by the exhibitor, and they will be excluded from examination by the Jurors.

OFFICIAL CATALOGUE.

13. An Official Catalogue will be published in English by the Executive Commissioners, by whom the sale of Catalogues is reserved. Anything beyond the ordinary description of the exhibit, together with the name of the exhibitor, must be paid for at the rate of five shillings per line. Exhibitors desiring to utilize the Catalogue for advertising purposes should communicate as early as possible on the subject with the Secretary. Each country and colony will, however, have the right of producing at its own expense, but in its own language only, a special Catalogue of the objects exhibited in its section. Such Catalogue, however, must not be offered for sale in this Colony, or be used as a medium for advertising.

GROUPING EXHIBITS.

14. The representatives of countries and colonies will be allowed to group their exhibits as they may think fit in that portion of the Exhibition Buildings allotted to the country or colony which they represent. The Executive Commissioners desire, however, that where International Courts can be formed, special classes of exhibits of all nations, and of the same character, shall be exhibited together. Victorian exhibits will be grouped in classes, irrespective of districts.

15. Exhibits from any country or colony whose Government is not represented must be classified according to the following groups. The same direction will be followed in the Catalogue :—

1. Works of art.
2. Education and instruction—Apparatus and processes of the liberal arts.
3. Furniture and accessories.
4. Fictile manufactures, glass, pottery, &c.
5. Textile fabrics, clothing, and accessories.
6. Raw and manufactured processes and products

7. Machinery—Apparatus and processes used in the mechanical industries.
8. Alimentary products.
9. Sanitation, medicine, hygiene, and public relief.
10. Agriculture and associated industries.
11. Horticulture.
12. Mining industries—Machinery, processes, and products.

Any expenses incurred by the Executive Commissioners in the display and exhibition of these goods will be made a first charge upon such goods.

Each of these groups is divided into classes, according to the system of general classification annexed to these regulations, in an Appendix, which includes for each class an enumeration of the nature of the objects which it will comprise.

Motive Power for Exhibits.

16. Motive power will be supplied to suitable exhibits free on application to the Executive Commissioners, but the latter reserve to themselves the power to reduce the amount asked for, or to make a charge for a certain portion of the motive power supplied, if they consider necessary. The Executive Commissioners desire to encourage the display of machinery in motion, and of all descriptions of manufactures, &c., in progress, and they will endeavour to provide adequate power to meet all reasonable demands. By the introduction of steam power, it is proposed to afford facilities for presenting not only the machinery for any given manufactures, but also the processes of manufacture. Requests for motive power must be made to the Executive Commissioners prior to 31st March 1888.

17. All shafting, pulleys, belting, connections, &c , for the transmission of power from the main shafting must be provided by, and at the cost of, the exhibitor.

18. It is further intended that space shall be afforded for the production of interesting objects by manual labour.

Fittings, &c.

19. Exhibitors must provide at their own cost all show-cases, shelving, counters, fittings, &c., which they may require.

Right to reject Exhibits.

20. The Executive Commissioners reserve the right of rejecting or returning any proposed exhibit. Articles that are in any way dangerous, or offensive or injurious to public decency and morality will not be admitted into, or allowed to be exhibited in, the Exhibition.

Works of Art.

21. The following special regulations are framed for the reception and admission of works of art. The works admissible include the five classes mentioned below :—

1. Paintings.
2. Drawings, water-colours, crayon drawings, miniatures, enamels, porcelain, designs in glass and clay, designs for stained-glass windows, and mosaic work.
3. Sculpture and die-sinking, and engraving on precious stones.
4. Architectural and engineering drawings and models.
5. Engraving and lithography.

The following are excluded :—

1. Unframed pictures or drawings.
2. Sculpture in unbaked clay.

The duty of deciding upon the admission of works of art will devolve upon a special committee. Suitable space, which will be lighted by electricity, will be reserved for the exhibition of paintings. Other regulations will give information as to the despatch and reception of works of art.

Fire, Accidents, &c.

22. The Executive Commissioners will take precautions for the safe preservation of all objects in the Exhibition, but will be in no way responsible for damage or loss of any kind, or accidents by fire or otherwise, however caused. In order, however, to reduce the danger of fire to a minimum, a special fire brigade will be formed, and be available, in connection with the Exhibition, from the time of the reception of exhibits to its close.

Insurance, &c.

23. Facilities will be afforded the representatives of countries and colonies, and private exhibitors, for insuring their goods; and they may also employ watchmen, at their own

expense, to guard their goods during the hours the Exhibition is open to the public. The appointment of such watchmen will be subject to the approval of the Executive Commissioners. These persons must wear a special dress or distinctive badge.

AWARDS.

24. The following is the system under which the awards will be made:—

The awards will be based upon written reports adopted by the Jurors.

The Jurors will be selected for their qualifications and character, and shall be experts in the departments to which they are especially assigned; the British, Foreign, and Colonial Jurors shall be nominated by the representatives of each country or colony exhibiting, and, if approved of, will be appointed by the Executive Commissioners, who will appoint those for Victoria.

Jurors will be reimbursed such personal expenses as may be allowed by the Executive Commissioners.

The Jurors' reports and the Executive Commissioners' awards will be based upon the inherent and comparative merits of the individual exhibits, the elements of merit being held to include considerations relating to originality, invention, discovery, utility, quality, skill, workmanship, fitness for the purposes intended, adaptation to public wants, economy, cost, and importance of interests involved.

Each report must be delivered to the Secretary to the Executive Commissioners as soon as completed.

Awards will consist of gold, silver, and bronze medals, and certificates of honourable mention, together with a special report of the Jurors on the subject of the award. A certificate will accompany each medal.

Each exhibitor shall have the right to produce and publish the report awarded to him, but the Executive Commissioners reserve the right to publish and dispose of all reports in any manner they may think best for public information.

25. Immediately after the close of the Exhibition, exhibitors or their duly-appointed agents shall remove their effects, and complete such removal by the 31st March, 1889. Goods then remaining will be removed by the orders of the Executive Commissioners, and sold by auction, or otherwise disposed of under the direction of the Executive Commissioners, and the net proceeds handed to the exhibitors or their duly-appointed agents.

26. Every person who becomes an exhibitor thereby acknowledges, and undertakes to observe, the rules and regulations established from time to time for the government of the Exhibition.

27. The Executive Commissioners reserve the right to alter, explain, amend, or add to these regulations, at any time, whatever may be deemed necessary.

Information upon any question of details can be obtained upon application to

THE AGENT-GENERAL FOR VICTORIA,
8 Victoria Chambers,
Victoria Street,
Westminster,
London, S.W.,

THE EXECUTIVE COMMISSIONERS,
Centennial International Exhibition, 1888,
Melbourne, Australia.

REGULATIONS

Concerning the Despatch, Reception, Arrangement, and Return of the Goods Exhibited, and Disposal of Space.

1. Every person admitted as an exhibitor will receive, in Melbourne, and with the least possible delay, an exhibitor's ticket showing his rotation number and the dimensions of the space allotted to him.

He will receive at the same time printed labels to be affixed to the packages he may send to the Exhibition.

2. The labels supplied to exhibitors will be printed on paper of different colours, according to the group to which the products to be exhibited may belong.

The conventional colours adopted are as follows :—

Group 1.	(Works of art)	Pink.
„ 2.	(Education and instruction, apparatus and processes of the liberal arts)	White.
„ 3.	(Furniture and accessories)	Blue.
„ 4.	(Fictile manufactures, glass, pottery, etc.)	Buff.
„ 5.	(Textile fabrics, clothing and accessories)	Bright-yellow.
„ 6.	(Raw and manufactured processes and products)	Brown.
„ 7.	(Apparatus and processes used in the mechanical industries)	Red.
„ 8.	(Alimentary products)	Violet.
„ 9.	(Sanitation, medicine, hygiene, and public relief)	Black.
„ 10.	(Agriculture and associated industries)	Dark-green.
„ 11.	(Horticulture)	Light-green.
„ 12.	(Mining industries—Machinery, processes, and products)	Grey.

3. The Commissioners place at the disposal of countries and colonies all information and plans which may be useful for their arrangements.

4. Exchanges of space cannot be made without the consent of the Executive Commissioners.

5. Exhibitors will not have to pay rent for the space occupied by them in the Exhibition. The flooring will be provided in sound condition and ready for use within the whole of the main building; but the flooring must not be altered, removed, or strengthened, for the exhibition of machinery, convenience of arrangement, or any other purpose, except with the consent of the Executive Commissioners, and at the expense of the exhibitors.

6. The spaces reserved outside the exhibition allotments being strictly calculated with a view to the necessities of circulation, packages and empty cases will not be allowed to remain there.

Cases must, therefore, be unpacked as early as possible after their reception, and the empty cases at once taken away by the exhibitors or their agents.

Should the exhibitors neglect to carry out in the manner thus indicated the unpacking of the goods and the removal of the empty cases, the work will be undertaken by the Executive Commissioners, but in no case will the Commissioners incur any responsibility whatsoever in the execution of this duty. The Commissioners will have nothing to do with the warehousing and preservation of the empty cases; neither have any arrangements been made, nor any space reserved, for the purpose. Exhibitors who may be unable to provide for the removal and preservation of their empty cases are advised to communicate with the Secretary.

General Arrangements.

7. Certain products, which it may be found impossible to display in the main buildings, will in some exceptional cases be exhibited in the surrounding parks and gardens, in buildings erected for the purpose.

8. With regard to the Victorian section, the Commissioners will place themselves in communication with the committees established in each locality. The duties of these Committees will be—

(1) to make known the rules concerning the Exhibition, and to distribute the forms of application for space, as well as all other documents relating to the Exhibition;

(2) to point out as soon as possible the principal artists, agriculturists, and manufacturers whose exhibits would appear to be particularly calculated to promote the success of the undertaking;

(3) to encourage the exhibition of the manufactures, and of the mineral, pastoral, agricultural, and horticultural products of the district, and to accredit to the Commissioners the delegate charged with their representation.

9. Spirits or alcohol, oils and essences, corrosive substances and generally all substances which might spoil other articles or inconvenience the public, can only be received in solid and suitable vessels of small size.

Percussion caps, fireworks, chemical matches, and similar articles, can only be received when made in imitation, and deprived of all inflammable ingredients.

10. Exhibitors of objects of a disagreeable nature, or such as may be prejudicial to health, will be bound at all times to conform to such precautionary measures as may be considered necessary.

11. The Commissioners reserve the absolute right to cause the removal of any article whatever, if, on account of its nature or appearance, they deem it advisable to do so.

12. All goods must be exhibited under the name of the person who has signed the application for admission.

13. Exhibitors are entitled to insert after their name or that of their firm the names of their assistants of every class and grade who may have taken part in the production of the goods exhibited.

14. Exhibitors are particularly requested to mark the trade price of the articles exhibited, so as to facilitate the judgment of the Jury as well as for the information of visitors.

15. Persons desirous of exhibiting articles not mentioned in the General Classification may apply to the Executive Commissioners.

ADMINISTRATION.

16. A general supervision will be established for the prevention of robbery and embezzlement.

17. It must be distinctly understood that the Commissioners decline all responsibility for any theft or embezzlements which may be committed.

18. In the Victorian section, the exhibitors of each class must arrange among themselves as to the organization of a staff of attendants independent of the general supervision established by the Commissioners. Private agents of this description must be approved by the Commissioners, and must wear badges bearing the number of the class to which they will be attached.

19. All communications relating to the Exhibition must be addressed—

The Executive Commissioners,

Centennial International Exhibition, 1888,

Melbourne, Australia.

ORDER.—Ordered, that the papers read above be published in the Supplement to the *Gazette of India* for general information, and that a copy be sent to the Local Governments and Administrations noted on the margin, with a request that the papers be published in the Local Gazette.

Government of Madras.
" Bombay.
" Bengal.
" North-Western Provinces and Oudh.
" Punjab.
Chief Commissioner, Central Provinces.
" Burma.
" Assam.
" Coorg.
Resident at Hyderabad.

(True Extract.)

E. C. BUCK,

Secy. to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT (RETAIL) OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE 1887 PUBLISHED IN PAGES 972, 974 AND 975 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 23rd JULY 1887.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
		Quantities per Rupee in seers of 80 tolas.													Average Wages per Month.		
Provinces.	Districts.	Wheat.	Barley.	Rice, best sort.	Rice, common.	Jowar or Cholum (*Sorghum vulgare*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Marua or Ragi (*Eleusine Coracana*).	Kangni or Kakun, Italian millet (*Setaria italica*).	Gram, Channa, Chola, Kadalay or Sunaga (*Cicer arietinum*).	Maize (*Zea Mays*).	Arhar or Cadjan Pea (*Cajanus indicus*).	Firewood.	Salt.	Able-bodied Agricultural Labourer.	Syce or Horse keeper.	Common Mason, Carpenter or Blacksmith.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R a. p.	R a. p.	R a. p.
Assam.	Sylhet	11 0	...	12 4	16 10	...	...	...	...	16 0	...	12 4	108 0	11 12	5 0 0	6-0 to 7-0	11-0 to 30-0
	Cáchár	8 14½	...	10 0	13 5 3/16	...	...	...	...	12 4½	...	11 6½	80 0	11 6½	6 0 0	7 0 0	14-0 to 20-0
	Goálpará	20 0	...	8 0	16 0	...	...	...	...	16 0	...	11 0	80 0	11 0	6-0 to 7-0	7-0 to 8-0	15-0 to 35-0
	Gáro Hills	8 0	...	6 0	12 0	...	...	...	...	10 0	...	9 0	160 0	8 0	5-10 to 7-8	7-8 to 10-0	7-8 to 45-0
	Kámrup	16 0	...	8 0	16 8	...	...	...	...	13 0	...	10 8	160 0	11 0	7-0 to 8-0	8-0 to 10-0	*12-0 to 15-0
	Darrang	7 0	...	12 0	18 0	...	...	...	...	13 0	..	10 0	150 0	10 0	6-0 to 7-0	8-0 to 10-0	6-0 to 30-0
	Nowgong	8 0	...	8 0	16 0	...	...	...	...	9 0	...	10 0	120 0	10 0	7-0 to 9-0	9-0 to 10-0	10-0 to 30-0
	Sibságar	...	...	12 0	14 0	...	...	...	...	13 0	...	9 0	80 0	8 0	7-0 to 10-0	10-0 to 12-0	15-0 to 30-0
	Lakhimpur	9 0	...	8 0	13 0	...	...	...	...	15 0	8 0	11 0	160 0	10 0	7-0 to 8-0	8-0 to 12-0	15-0 to 40-0
	Khási and Jaintiá Hills	...	...	6 0	9 8	...	...	...	...	9 0	16 0	7 8	90 0	8 0	8-0 to 15-0	10-0 to 12-0	15-0 to 35-0
	Nágá Hills	...	...	3 6	8 0	...	...	...	...	3 6	...	3 8	80 0	3 8	9-0 to 20-0	9-0 to 15-0	30-0 to 60-0
Central Provinces.	Saugor	...	...	...	...	...	...	...	...	...	...	...	...	...	4 8 0	5 8 0	11-4 to 13-2
	Damoh	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	6 0 0	12-0 to 14-0
	Jubbulpore	...	...	...	...	...	...	...	...	...	...	...	...	...	3-0 & 4-0	5-0 & 6-0	10-0 to 15-0
	Mandla	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	5 0 0	10-0 to 12-0
	Seoni	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	6 0 0	12 0 0
	Narsingpur	...	...	...	...	...	...	...	...	...	...	...	...	...	3 8 0	6 0 0	15 0 0
	Hoshangabad	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	6-0 & 7-0	12-0 to 30-0
	Nimár	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	6 0 0	15-0 to 20-0
	Betúl	...	...	...	...	...	...	...	...	...	...	...	...	...	4-0 & 6-0	6-0 or 7-0	15-0 to 20-0
	Chhindwára	...	...	...	...	...	...	...	...	...	...	...	...	...	2-0 to 3-0	4 0 0	10-0 to 15-0
	Wardha	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	6-0 & 7-0	14-0 to 15-0
	Nágpur	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	5 0 0	15 0 0
	Chánda	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	6 0 0	12-0 to 15-0
	Bhandára	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	6 0 0	15 0 0
	Bálaghát	...	...	...	...	...	...	...	...	...	...	...	...	...	3 0 0	4 0 0	12 0 0
	Raipur	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	7 0 0	10 0 0
	Bilásper	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	5 0 0	12-0 to 15-0
	Sambálpur	...	...	...	...	...	...	...	...	...	...	...	...	...	3 0 0	3 0 0	7 8 0
Rajpootana.	Erinpura	12 8	22 12	...	9 0	21 0	21 0	...	...	19 0	...	...	280 0	14 0	6 0 0	6 0 0	12 0 0
	Sirohee	11 8	19 0	6 4	7 0	18 0	21 0	...	20 0	18 0	18 0	14 0	160 0	13 8	5 2 0	5 0 0	10 0 0
	Aboo	11 0	18 0	6 0	8 0	...	18 0	...	...	15 0	...	...	...	13 0	7 8 0	6-0 to 8-0	15-0 to 22-8
	Anadra	11 8	21 0	6 8	8 0	...	21 0	...	...	16 4	...	...	...	14 0	7 8 0	6-0 to 8-0	15-0 to 22-8
	Bálmere	11 0	...	5 0	9 0	...	28 0	...	...	14 0	...	...	260 0	15 0	5 12 0	...	11 4 0
	Jeysalmere	9 8	...	10 4	12 6	17 0	16 0	...	...	14 0	...	...	...	25 9	15 0 0	...	15 0 0
	Marwar (Jodhpore)	12 4	20 0	6 4	8 2	21 4	20 0	...	...	18 12	20 0	...	...	16 4	5 10 0	6 0 0	12 0 0

* Imported Carpenters get R20 to 40 each.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch*).

J. WESTLAND,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

***Comparative Statement** of the Net Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first three months of the official year 1887-88, and of the sixteen preceding years.*

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE THREE MONTHS APRIL TO JUNE.																									YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72	2,46	16,87	5,35	24,68	2,37	7,46	1,11	10,94	27	24	32	83	94	2,99	3,89	7,82	35	1,11	6,69	8,15	6,39	28,67	35,06	17,36	52,42	1871-72.
1872-73	3,19	15,58	5,68	24,45	1,52	10,34	1,09	12,95	26	22	79	1,27	1,03	3,37	3,16	7,56	91	1,27	11,85	14,03	6,91	30,78	37,69	22,57	60,26	1872-73.
1873-74	2,24	15,12	3,85	21,21	1,69	8,65	1,12	11,46	30	15	29	74	1,05	3,42	3,86	8,33	90	1,19	11,04	13,13	6,18	28,53	34,71	20,16	54,87	1873-74.
1874-75	3,06	16,42	3,38	22,86	1,70	8,74	1,01	11,45	30	11	26	67	91	3,70	3,21	7,82	1,11	1,79	8,09	10,99	7,08	30,76	37,84	15,95	53,79	1874-75.
1875-76	3,08	19,81	4,36	27,25	1,88	10,38	2,88	15,14	28	28	66	1,22	1,13	3,60	3,92	8,65	1,10	1,08	14,60	16,78	7,47	35,15	42,62	26,42	69,04	1875-76.
1876-77	3,38	15,70	2,66	21,74	2,08	9,12	44	11,64	34	14	7	55	1,47	3,30	2,26	7,03	1,30	1,40	9,92	12,62	8,57	29,66	38,23	15,35	53,58	1876-77.
1877-78	3,80	19,07	3,06	25,93	2,61	10,90	47	13,98	55	22	13	90	1,35	1,85	48	3,68	1,38	1,56	8,49	11,43	9,69	33,60	43,29	12,63	55,92	1877-78.
1878-79	3,39	16,13	3,24	22,76	2,27	10,62	58	13,47	48	11	9	68	1,51	2,60	1,14	5,25	2,12	1,84	9,96	13,92	9,77	31,30	41,07	15,01	56,08	1878-79.
1879-80	2,89	15,23	1,93	20,05	2,40	8,32	63	11,35	71	21	7	99	1,30	1,91	1,30	4,51	1,84	1,46	12,40	15,70	9,14	27,13	36,27	16,33	52,60	1879-80.
1880-81	3,33	12,99	1,85	18,17	2,29	10,75	53	13,57	1,21	25	8	1,54	1,41	2,49	2,44	6,34	1,32	1,87	12,64	15,83	9,56	28,35	37,91	17,54	55,45	1880-81.
1881-82	3,59	13,46	3,15	20,20	2,85	10,85	58	14,28	1,14	36	11	1,61	1,24	2,51	2,14	5,89	1,90	1,91	13,82	17,63	10,72	29,09	39,81	19,80	59,61	1881-82.
1882-83	3,85	1	3,42	7,28	3,02	—68*	50	2,84	92	2	18	1,12	1,42	...	1,11	2,53	2,32	1	18,99	21,32	11,53	—64*	10,89	24,20	35,09	1882-83.
1883-84	3,63	2	4,81	8,46	2,82	15	34	3,31	97	1	16	1,14	1,27	1	1,55	2,83	2,25	5	15,64	17,94	10,94	24	11,18	22,50	33,68	1883-84.
1884-85	3,08	10	2,51	5,69	2,75	13	54	3,42	1,17	2	15	1,34	1,22	3	1,93	3,18	2,14	3	10,89	13,06	10,36	31	10,67	16,02	26,69	1884-85.
1885-86	3,47	3	3,08	6,58	3,00	14	27	3,41	1,08	1	24	1,33	1,24	2	64	1,90	1,63	...	14,15	15,78	10,42	20	10,62	18,38	29,00	1885-86.
1886-87	3,32	5	2,69	6,06	3,08	16	41	3,65	1,16	3	27	1,46	1,49	1	1,31	2,81	2,41	—2*	14,07	16,46	11,46	23	11,69	18,75	30,44	1886-87.
1887-88	2,82	10	2,96	5,88	3,53	14	52	4,19	1,37	3	21	1,61	2,24	1	1,25	3,50	2,71	1	13,94	16,66	12,67	29	12,96	18,88	31,84	1887-88.

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 23rd July 1887.

J. WESTLAND,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

TENURE OF OFFICE BY UNDER-SECRETARIES TO THE GOVERNMENT OF INDIA, PUBLIC WORKS DEPARTMENT.

No. 1372 G., dated Simla, the 19th July 1887.

RESOLUTION—By the Government of India, Public Works Department.

READ—

Extract from Proceedings in the Home Department, Nos. 11—427 to 437, dated 7th March 1884.

Extract from Proceedings in the Home Department, Nos. 27—1340—1344, dated 4th September 1886.

It is considered advisable, after perusal of the above proceedings, to frame rules for the tenure of the appointment of Under-Secretaries to the Government of India in the Public Works Department.

There are three Under-Secretaries, attached, respectively, to the General, the Railway, and the Civil Works, Branches of the Public Works Department Secretariat.

The Under-Secretary in the General Branch is not necessarily an Engineer, and there are special reasons in connection with the work done by him which make a tenure of some length desirable.

This is not the case with the two other Under-Secretaries, who must have technical knowledge, which renders it desirable, in the interests of the officers themselves and of the public service, that the tenure of their appointments should be limited.

RESOLUTION.—On these considerations the Governor-General in Council is pleased to decide that the tenure of the appointment of Under-Secretaries in the Railway and Civil Works Branches shall be limited to four years' continuous service, whether permanent or officiating.

It is further ruled that no leave, other than privilege leave, or leave on medical certificate, shall be granted to the incumbents of the same two posts, except on the most urgent ground; when special leave only will be granted under Sections 61—63 of the Civil Leave Code.

ORDER.—Ordered, that the above Resolution be included in the Manual of Office Orders of the Public Works Secretariat, and that it be published in the *Gazette of India.*

R. C. B. PEMBERTON, *Colonel, R. E.,*
Secretary to the Government of India.

GOVERNMENT OF INDIA.

HOME DEPARTMENT.

RULES FOR THE RECEIPT OF TESTIMONIALS AND ADDRESSES BY SERVANTS OF GOVERNMENT.

No. $\frac{39}{1049-45}$.

Extract from the Proceedings of the Government of India, Home Department (Public),—dated Simla, the 22nd July, 1887.

Read—

Home Department Resolution No. $\frac{19}{746-62}$, dated 11th May 1885, prescribing Rules for the receipt of Testimonials and Addresses by Servants of Government.

RESOLUTION.

In reissuing the Rules contained in Home Department Resolution of the 11th May 1885, with certain necessary additions, the Governor-General in Council desires to invite the renewed attention of Local Governments and Administrations to the subject with which they deal, and to impress on all concerned by them the duty of exact obedience to these regulations.

2. The Rules do not apply to the receipt of Addresses by the Head of any Government or Administration.

RULES.

1. Save as in these Rules otherwise provided, all Servants of Government, Covenanted or Uncovenanted, are forbidden to receive complimentary or valedictory addresses in any form; or to accept testimonials of any kind; or to attend public meetings or complimentary entertainments of a formal and public character held in their honour.

2. The Government views with disfavour all similar manifestations in the case of retired officers, when following immediately upon their retirement from active service, and designed as an acknowledgment of acts done by them while in the service of Government.

3. It is not intended to prohibit such an expression of regard for the private or official character of an officer retiring from service, or leaving his station or district, as is involved in a farewell entertainment, supported by his personal friends, even though some of these may be his official subordinates. But it is expected that the proceedings on such occasions will be substantially of a private and informal character.

4. Local Governments and Administrations are authorised to forward to an officer who has left a station or district the resolution of any local public body recording a vote of thanks to him for help and advice afforded during his official connection with the station or district.

5. Medical Officers are not prohibited from receiving pecuniary recognition of their services from a community or body of persons which may desire to acknowledge these; but the previous sanction of the Local Government or Administration must be obtained by Medical Officers before receiving any public complimentary address.

6. Nothing in the above Rules is meant to prohibit compliance with the request of a public body that a Government officer should sit for his portrait, bust, or statue in recognition of his public services: provided that the portrait, bust, or statue is not intended for presentation to the officer concerned.

7. The participation of Government officers in the raising of funds for the foundation of Scholarships, or for procuring a portrait, bust, or statue, as a spontaneous recognition of the services of a Government officer, is not forbidden; but it should be clearly understood that any solicitation on the part of officers of Government for subscriptions from any person, who does not voluntarily come forward to contribute, is disapproved by the Government of India.

8. The previous sanction of the Government of India must be obtained to the relaxation of these Rules in any special case in which the Local Government or Administration may think this desirable.

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* Madras.	Punjab.
Bombay.	Central Provinces.
Bengal.	Burma.
North-Western Provinces and Oudh.	Assam.
	Coorg.
Hyderabad.	
† Department of Finance and Commerce.	Public Works Department.
Foreign Department.	Revenue and Agricultural Department.
Military Department.	
Legislative Department.	

ORDER.—Ordered, that a copy of this Resolution be forwarded to Local Governments and Administrations marginally* noted for information and guidance;

that a copy be communicated to all Departments† of the Government of India for information; and

that the Resolution be published in the *Supplement to the Gazette of India* for general information.

A. P. MACDONNELL,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING 28th JULY, 1887.

GENERAL REMARKS.—Rain has occurred throughout the country during the week under report. It was generally below the average in Bengal, partially distributed in the North-Western Provinces and Oudh, and slight in Madras and the Punjab.

Sowings for the *kharif* continue in all Provinces. In Bombay they have been retarded by excessive moisture, and a break in the weather is wanted in places. In the Punjab rain is much needed for the sowings in a few districts.

In Madras, Mysore and Coorg agricultural prospects are on the whole satisfactory.

The rice crop is in good condition in Bombay, and the early variety in Bengal is well reported on; but rain is needed to facilitate the transplantation of the *aman* in the latter Province. In the North-Western Provinces and Oudh the crop is backward, and in the Central Provinces and Coorg it is being transplanted. Of the five Assam varieties of the crop, four—the *aus*, *dumai*, *murali*, and *ahu*—are being reaped, the last giving a good outturn, and the fifth—*sáil*—is being transplanted. In Nepal the crop wants rain.

Cotton is being sown in Bombay, and is thriving in Berar. In the Central Provinces the growth of the crop has been retarded by heavy rain.

Cholera is now chiefly prevalent in Bombay, where the mortality continues high. Otherwise the public health is on the whole satisfactory.

Prices are rising in four districts of the Punjab. Elsewhere they are generally steady.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Madras—(July 27th)		
Bellary . . .	Average last week since revised, ·31; this week, ·36.	Standing crops good. Fever in one, cholera decreasing in six and cattle-disease decreasing in two taluks.
Kurnool . . .	Average last week since revised, ·34; this week, ·49.	Standing crops good. Small-pox in three and cattle-disease increasing in five taluks.
Ganjam . . .	Average last week since revised, 1·95; this week, 1·45.	Agricultural operations progressing. Small-pox in four, fever in six, and cattle-disease decreasing in three divisions. Cholera exists.
Kistna . . .	Average ·55	Agricultural operations going on in parts. River 11·8 feet over Anicut. Slight fever, cholera decreasing in two and cattle-disease increasing in five taluks.
Chingleput (Madras) .	Average ·25	Standing crops fair. Harvest wet and dry crops, outturn middling. Small-pox in two, and cattle-disease increasing in four taluks.
Coimbatore . . .	Average ·07	Standing crops generally good. Harvest *cholum* and *cumbu*, outturn about average. Fever and small-pox prevalent. Slight cattle-disease in one taluk.
Tanjore . . .	Average ·20	Standing crops generally good. Harvest gingelly, outturn up to average.
Madura . . .	Average ·04	Cattle-disease in one taluk.
Malabar . . .	Average 2·91	First crop paddy cultivation thriving. Fever in one, and slight small-pox in seven taluks.
Travancore . .	·28	Paddy in ear and thriving. Fever prevalent in places. *General Remarks.*—General prospects good.
Bombay—(July 27th)		
Karachi . . .	Rain for week ending 18th—in Shahbandar, 4·40; Ketibandar, 4·28; for the week ending 25th average of five stations, ·23.	River at Kotri on 25th, 16 feet 5 inches against 19 feet 7 inches on same date last year. Fever in three and cattle-disease in one taluka; one man killed by lightning in Kotri taluka on 17th. Wheat, red rice and *bajri* in Karachi 24, 32 and 32 and in Mirpur Batoro 22, 45 and 36 pounds per rupee, respectively.
Hyderabad . . .	Rain in nine talukas	*Kharif* cultivation in progress. Fever, small-pox, and cattle-disease in one taluka. River at Kotri on 25th, 16 feet 5 inches against 19 feet 7 inches on same date last year. Wheat 24, *jowari* 40, *bajri* 36, white rice 18, and red rice 28 pounds per rupee.
Ahmedabad . . .	2·40; total rainfall, 17·15.	Rain throughout the district. Transplantation of rice and sowing of cotton in progress. Young crops doing well. Public health good. Wheat 28 and *bajri* 31 pounds per rupee.
Baroda . . .	4·58; total rainfall, 32·55.	Cholera still continues in city, 4 deaths. Sowing operations continue. Young plants thriving in some places. In Naosari division sowing operations have been stopped, owing to excessive rain. *Bajri* 24, wheat 19, and rice 21 pounds per rupee.
Surat . . .	Rain in all talukas—maximum in Chikhli, 11·60 and minimum in Olpad, 1·93.	Break wanted. Sowing and resowing retarded in places, where the seeds first sown are rotten. Transplantation nearly over. Cholera in Pardi, 37 cases, 8 deaths. *Jowari* 32 and *nagli* 43 pounds per rupee.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Bombay—*contd.*		
Nasik . . .	Igatpuri, 13·98; Peint, 6·10; Dindori, 1·24; Kalwan, 1·04; Nandgaon, ·95; Sinnar, ·78; Chandor, ·56; Malegaon, ·65; Niphad, ·40; and Nasik, ·70.	Sowing and transplanting in progress. Cholera in Nasik, Niphad, Yeola, Nandgaon, and Malegaon, 157 attacks, 73 deaths. Dysentery prevalent in Sinnar and small-pox in Yeola to a slight extent. Public health of the other talukas good. Prices, excepting wheat which is 25¾ pounds, are steady.
Colaba (Bombay) . .	Rain every day, except on 21st; total of week, 3·65; total to date, 54·20, being 11·96 above average.	Abnormal temperature 1° warm from 20th to 23rd, 3° cool on 24th and 2° cool on 25th and 26th. Vapour in air normal, wind normal, and distant lightning on 22nd.
Poona	Rain more or less in six talukas—maximum 3·23 in Petha Mulshi and minimum ·03 in Petha Baramati; none in Indapur and Bhimthari talukas.	More rain wanted in Sirur and Bhimthari talukas. Transplantation still continues. Sowing of *kharif* commenced in places, where there was sufficient rain, and held over owing to excessive moisture in Junnar, Khed, and Mawal talukas. Public health generally good. 395 cholera cases in Indapur, Khed, Purandhar, Bhimthari, and Haveli talukas, 175 fatal; in Poona city, 37 attacks, and 17 deaths. *Bajri* 42 and *jowari* 54 pounds in the district, and *bajri* 37 and *jowari* 48 pounds per rupee in Poona city.
Ahmednagar . .	Rahuri, ·65 and Nagar, ·63; very slight in eight; and none in one taluka.	*Kharif* sowing in progress throughout the district. Cholera, attacks 731, deaths 337. *Bajri* 30 and *jowari* 53 pounds per rupee.
Sholapur . . .	·62; Barsi, ·10; Karmala, ·08; and Pandharpur, ·03.	Sowing of *kharif* crops in progress. More rain wanted in Pandharpur, Sangola, and Malsiras talukas. Cholera here and there in the whole district, cases 570, fatal 248. Cattle-disease in Sholapur and Sangola talukas. *Jowari* 58⅛ and *bajri* 50⅜ pounds per rupee.
Dharwar . . .	Rain at all stations, except Nawalgund, varying from ·16 in Ron to ·95 in Kalghatgi and Ranibennur talukas and Nargund Petha.	Rice and minor crops good. Sowing of *jowari* in progress throughout the district, except Nawalgund and Gadag talukas and Nargund and Mundargi Pethas, where it is retarded for want of rain. Public health good. Rice 24 and *jowari* 55 pounds per rupee.
Kanara . . .	Karwar, 1·69; total 88·53; Kumpta, 4·12; Sirsi, 6·61; Yellapur, 1·51; and Haliyal, 2·93.	Rice plants healthy. Slight cattle-disease throughout the district, and subsiding in Supa. Common rice in Karwar 10 seers 40 tolas, district average 11½ seers per rupee.
Rajkot . . .	1·22; total rainfall, 17·89.	Fever in Rajkot, Manekwara, and some villages in Und and Jetpur. Crops in good condition. Wheat 23, *bajri* 24, and *jowari* 29 pounds per rupee.
		General Remarks.—Rain throughout the Presidency. More rain still wanted in parts of Poona, Sholapur, Dharwar, and Bijapur. River in Sind continues rising. Sowing operations still going on in some districts, but retarded owing to excessive moisture in parts of Guzerat. Transplanting nearly completed in some districts. Fever, small-pox, cattle-disease, and cholera in parts of eight, six, ten, and thirteen districts, respectively.
Bengal—(July 27th)		
Chittagong (July 26th)	2·02	Weather variable. *Aus* being harvested and *aman* transplanted. Prices stationary. Fever and cholera still reported, but general health good.
Dacca	5·57	*Aus* and jute beginning to be cut. *Aman* thriving. Prospects good. Rivers rising gradually. Public health good.
24-Pergunnahs (Calcutta).	3·80	Occasional showers of rain. Prospects favourable, but more rain wanted. Transplantation going on. Public health generally good.
Khoolna . . .	2·82	Weather hot. Occasional rain. Transplanting of *aman* going on. Prospects of *aus* fair. Public health good.
Moorshedabad . .	1·63	Weather very hot. Rain at intervals. Transplanting of *aman* going on. *Til*, sugarcane, and jute progressing. Public health good.
Pubna	·88	Occasional showers. Prospects of crops good. General health good.
Dinagepore . . .	1·0	Weather hot. Slight rain, more wanted. *Bhadoi* fair. Transplanting of *hatmanti* rice going on. Cattle-disease in four thanas and cholera in one thana.
Rungpore . . .	1·91	Planting out of *aman* delayed for want of rain. Prices stationary. Public health good.
Midnapore . . .	5·38	Prospects of crops excellent.
Burdwan . . .	3·39	Prospects good. Two slight outbreaks of cholera, otherwise public health good.
Bhagalpur . . .	1·25	*Bhadoi* prospects fair. More rain wanted for transplanting of winter rice and *marua*. Cholera still lingering.
Purneah . . .	·53	Rain much wanted for transplantation and for standing crops. Rivers falling. Public health fair.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Bengal—*contd.*		
Durbhanga . . .	·92	Prospects of *bhadoi* continue favourable. Transplantation of paddy still going on. Prices stationary. Public health generally good.
Chumparun . . .	1·11	*Bhadoi* crops coming up, but require rain. Rain also much needed for transplantation of paddy. Prices stationary. 156 deaths from cholera reported from the interior.
Patna	·21	Maize and *kauni* growing well. *Cheena* on *dearah* lands being reaped. Rain wanted for transplantation of paddy. Cholera reported from the interior.
Gya	5·18	*Bhadoi* coming on well. Transplantation of paddy has begun. More rain much wanted. Cholera and fever reported from all parts of the district.
Hazareebagh . .	2·46	Weather seasonable. Prospects favourable. All crops doing well. Rice being transplanted. General health good, but cholera continues to be reported.
Cuttack . . .	6·90	Weather sultry. Occasional showers. *Sarad* and *beali* rice doing well. Price of rice unchanged. Cholera prevails in town and in many places in interior.
		General Remarks.—The monsoon winds from the Bay have been feeble, and the rainfall of the week has been generally below the average. General agricultural prospects continue favourable, but more rain is wanted throughout the Lower Provinces to help transplantation of *aman* seedlings. *Aus* rice and jute are reported on well. *Bhadoi* crops in Behar are promising. Cholera reported in Behar and Cuttack, and fever in Beerbhoom, elsewhere public health is good.
N.-W. Provinces and Oudh - (July 27th)		
Benares (July 26th)	·90 in one tahsil	Rain badly wanted. *Kharif* supplies sufficient Prices rising. Cholera continues, otherwise health good. Some cattle-disease in Sadr.
Ballia („ 25th)	. . . . .	Supplies sufficient. Prices rising. Cholera still prevalent.
Gorakhpore („ „)	. . . . .	Weather cloudy, with easterly breeze. Rain greatly needed. Prices slightly risen.
Fyzabad („ 26th)	Averaging about ·70	*Kharif* sowings completed. Prices stationary. Cholera in city and three tahsils, and small-pox in one.
Lucknow („ 25th)	From 1·70 to 4·90	Crops promising. Weeding in progress. Supplies sufficient. Prices stationary. Cholera still prevailing in the district.
Rai Bareli („ „)	Averaging 1·10 all over the district.	Prospects slightly improving. Supplies ample. Prices rising. Cholera continues. Cattle-disease in one tahsil.
Partabgarh („ 26th)	From ·70 to 1·10	Prices steady. Cholera continues. Some cattle-disease.
Allahabad („ „)	Averaging 1·60	*Kharif* sowings continue. Supplies sufficient. Prices have an upward tendency. Cholera continues.
Cawnpore („ „)	General rain from 1·20 to 4·40.	*Kharif* sowings in good condition. Prices of wheat, barley, and gram slightly risen. Cholera continues. Cattle-disease in one pergunnah.
Farakhabad („ „)	Partial showers in different places.	Early crops saved as yet, later sowings continue. Supplies ample. Prices fluctuating. Cholera in two tahsils.
Sitapur („ „)	Varying from ·40 to 3·80.	Prices have slightly fallen. General health good.
Bareilly („ „)	Rain sufficient	All crops doing well, except rice. Markets slightly cheaper. Health good.
Banda („ 25th)	Rainfall general, but more rain wanted.	Early sowings germinating well Prices slightly lower. Cholera seems to be abating. Cattle-disease in one village.
Kumaon („ 26th)	Rain good	Crops making progress. Prices stationary. A few cases of cholera in Almora town, but on decrease in the district. Cattle-disease in parts.
Agra („ 25th)	Rain in six pergunnahs from ·20 to 3·50.	*Kharif* operations in progress. Prices steady. Cholera continues.
Jhansi („ „)	Averaging 2·00	Sowings in progress. Prices almost steady. Cholera abating. Condition of cattle good.
Meerut („ 26th)	From 1·70 to 4·20 all over the district.	Prospects favourable. Prices stationary. Health good.
		General Remarks.—Rain has fallen in most districts, but has been partially distributed, and more is needed in Benares, Gorakhpore, and Moradabad. *Kharif* sowings nearly completed, but rice planting delayed in Moradabad and Bareilly. *Rabi* ploughing has commenced in Saharanpur. Supplies are sufficient and prices generally steady. Some cholera continues. In most districts the general health is good.
Punjab - (July 27th)		
Hissar (July 26th) .	Slight rain	More rain wanted Health good. Prices stationary. *Kharif* sowings in progress.
Delhi	2·73	Health good, no more cholera. Prices fluctuating. *Kharif* sowings progressing.
Umballa . . .	1·26	Health fair. Prices rising. *Kharif* sowings nearly completed.
Jullundur . . .	·80	Health good. Prices rising. *Kharif* sowings in progress.
Ferozepore . . .	·76	Health good. Prices stationary.
Amritsar . . .	·30	Health good. Prices rising. *Kharif* crops good.
Sialkot . . .	·80	Rain much needed. Health good. Prices slightly fallen. *Kharif* sowings still below average.
Lahore . . .	·90	Cholera in district. Prices rising.
Multan . . .	. . . .	Rain wanted. Health good. Prices stationary. *Kharif* crops good on canal lands, except indigo and cotton which are poor.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Punjab—*contd.*		
Rawalpindi . . .	·80	Health good. Prices stationary. *Kharif* sowings in progress.
Shahpur . . .	. . . . .	Rain urgently wanted. Health good. Prices almost stationary.
Dera Ismail Khan .	. . . . .	Health good. Prices almost stationary. *Kharif* ploughings in progress.
Peshawar . . .	. . . . .	Rain much needed. Cholera prevalent. Prices almost stationary. *Kharif* sowings continue.
		General Remarks.—Rain has fallen in all districts, except Multan, Shahpur, Dera Ismail Khan, and Peshawar. It is needed in Hissar, Sialkot, Multan, Shahpur, and Peshawar. Health good, but cases of cholera at Lahore and Peshawar. Prices are stationary at Hissar, Ferozepore, Multan, and Rawalpindi; almost stationary at Shahpur, Dera Ismail Khan, and Peshawar; fluctuating in Delhi; rising in Umballa, Jullundur, Amritsar, and Lahore; and slightly fallen in Sialkot. *Kharif* ploughings and sowings in progress in most districts. Fodder scarce in Shahpur.
Central Provinces—(July 27th)		
Nagpur . . .	1·41	Weather rainy. Prospects good. *Jowari* sowings and rice transplanting in progress. Health good. Prices stationary.
Jubbulpore . . .	13·81	Prospects favourable. Cholera decreasing. Prices unchanged.
Saugor . . .	4·94	Sowings continue. Cholera and fever prevalent. Prices rising.
Seoni . . .	6·18	Weather cloudy and windy. Ploughing and sowing in progress. Prospects favourable. Cholera cases 13, deaths 12. Prices steady.
Hoshangabad . .	7·37; heavy rain on 26th.	*Rabi* ploughings in progress. Fever prevalent. Isolated cases of cholera. Prices unchanged.
Khandwa . . .	·85; slight rain	Weather cloudy and cool. Prospects generally good. Cholera, 4 fatal cases. Prices stationary.
Bilaspur . .	. . . . .	No report received.
Raipur . . .	9·34	Weather cool and cloudy. Second ploughing in progress. Cotton, *til*, and *rahar* being sown. Small-pox and cattle-disease in Drug tahsil. Price of rice risen.
Sambalpur . . .	. . . . .	No report received.
		General Remarks.—The weather has continued favourable, except for cotton, the growth of which has in places been retarded by the heavy rain. Cholera is apparently decreasing in the Narbudda valley.
Burma—(July 27th)		
Akyab (July 23rd)	11·42 (Total rainfall to date 73·83).	Sowing commenced.
Bassein . . .	5·24 (Total rainfall to date 50·57).	One fatal case of cholera in jail.
Rangoon . . .	10·07 (Total rainfall to date 61·65).	
Amherst (Moulmein) .	18·70 (Total rainfall to date 99·37).	Three deaths from cholera in jail. Ploughing and transplanting progressing.
Tavoy	6·52 (Total rainfall to date 95·09).	Ploughing and sowing almost completed. Crops healthy.
Pegu	8·34 (Total rainfall to date 73·44).	
Henzada . . .	3·59 (Total rainfall to date 36·00).	Ploughing and transplanting progressing.
Prome	3·35 (Total rainfall to date 18·70).	Slight cholera and cattle-disease.
Toungoo . . .	4·00 (Total rainfall to date 34·17).	Slight cattle-disease. Sowing progressing.
Thayetmayo . . .	2·08 (Total rainfall to date 12·57).	Ploughing continues.
Yamethen . . .	·59 (Total rainfall to date 11·86).	*Mayin* harvest over. Price of paddy Rs. 170.
Myingyan . . .	·16 (Total rainfall to date 10·74).	Some cases of measles. Food-supply sufficient. Price of paddy Rs. 125.
Minbu	·50 (Total rainfall to date 9·31).	Price of paddy Rs. 110.
Mandalay . . .	1·30 (Total rainfall to date 17·15).	Public health good. Reaping of *kaukkyi* crops finished. Food-supply sufficient. Price of paddy Rs. 120 to 150.
		General Remarks.—Slight cholera and slight cattle-disease in several districts. Agricultural work well-advanced and progressing satisfactorily. Reports from five Upper Burma districts. Health satisfactory and food-supply generally sufficient. Prices have risen in Pyinmana.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Assam—(July 27th)		
Gauhati (July 26th)	·37	Weather hot. Rain much wanted. Public health fair. Malarial fever still prevalent in Barpetta. Cattle-disease still reported from Pattidarang. Reaping of *aus* crop nearly finished.
Sylhet	2·38	Partial damage to *aman* crops reported ; otherwise state and prospects of the crops fair. Condition of tea in Karimganj is reported to be favourable. Reports from other subdivisions silent on the point.
Cachar	·96	Weather very warm. Rain much wanted. Reaping of *dumai* and *murali* and cultivation of *sdil* crops continue. Common rice 16 seers per rupee. Weather too dry for tea. Health indifferent. Few cases of cattle-disease reported.
Dibrugarh . . .	2·14	Weather very hot, with occasional showers at intervals. Reaping of *ahu* progressing, outturn good. Transplanting of *sdil* going on. Tea doing well.
Mysore and Coorg—(July 27th)		
Bangalore . . .	Rainfall good in parts of Shimoga and Kadur districts; slight in other parts.	Standing crops in good condition. Prospects fair, except in parts of Bangalore and Tumkur districts, where crops are reported to be withering for want of sufficient rain. Public health generally good. Cattle-disease prevalent in parts. No material change in prices.
Mysore . . .		
Mercara . . .	12·24	Rice transplanting in progress. Crops in good condition.
Berar and Hyderabad—(July 27th)		
Amraoti . . .	·50	Weather cloudy and windy. *Jowari* sowing continued. Cotton plants thriving. Weeding in progress. Cholera still lingers in places, otherwise health good. Wheat 15 and *jowari* 25 seers per rupee.
Akola . . .	·51	Weather cloudy and close. Crops in good condition. Cholera less prevalent. Slight cattle-disease.
Hyderabad . . .	Average during week 1·02 ; to al since 1st January, 9·31.	*Kharif* and *abi* sowings progressing. Cattle-disease prevalent. Prices—wheat 14¼, coarse rice 12½, white *juar* 18¾, yellow *juar* 20½, and *tur* 14¼ seers per current sicca rupee.
Central India States—(July 27th)		
Indore . . .	1·83; total 22·98	Cloudy weather ; break required.
Gwalior . . .	1·51	Nine fatal cases of cholera in Lashkar. Weather seasonable. Prospects good.
Neemuch . . .	1·88	Weather cloudy and warm.
Goona . . .	1·31	Rain needed. Prospects and health good.
Sutna . . .	1·22	Cholera still prevalent in some parts of the Agency.
Agar . . .	1·09	Prospects good. Health fair.
Sehore . . .	1·35	Weather wet. Health and crops good.
Nowgong . . .	2·53	Weather seasonable. Prospects favourable. Cholera in parts, 1 case in Nowgong Sadr Bazar.
Bhopawar . . .	·47	Crops doing well. Health good. Prices steady.
Rajputana—(July 27th)		
Abu (July 27th)	11·50	Weather overcast, but seasonable.
Sirohi („ 24th)	·28	Tanks fairly full. Wells good. Health good. Crop sown. Rain wanted. Weather overcast and calm.
Marwar („ 23rd)	·18	Very little water brought into Jodhpore city tanks. Health good in city ; improving in districts. Crops doing well. Weather cloudy. Prices stationary. Market easy.
Meywar („ „)	·19	Water in tanks and wells increasing. Crops fair. Health fair. Prices stationary. Weather seasonable.
Pertabgurh („ „)	·59	Health good. Prices fluctuating. Weather occasionally cloudy.
Harowti („ „)	Deoli, 2·05 ; Tonk, ·90	Weather seasonable. Health and prospects good.
Jhallawar („ 24th)	2·02	Crops nearly sown. *Rabi* preparations commenced. Cattle-disease of severe type reported from Shahabad.
Ajmere („ 26th)	. . . .	Weather sultry and occasionally cloudy, but no rain. Weeding in some villages of Todgurh. Cattle-disease prevalent. Cholera still prevalent in city and district, of 27 fresh cases in city, 20 fatal.
Jeypore („ „)	. . . .	Prospects good. Some cholera in districts.
Kerowlee („ 23rd)	·21	Tanks and wells filling. Cultivation progressing. Cholera again in city. Prices stationary. Weather cloudy.
Dholepore („ „)	Average 1·28	Tanks and wells filling. Sowing and weeding continuing. Few cases of cholera in Barsi, health elsewhere good. Prices stationary. Weather seasonable.
Bhurtpore („ 26th)	2·90	Crops germinating Prices steady.
Ulwar („ „)	Average 1·53	Prospects good.
Kotah („ 23rd)	. . . .	Health good. Weather cloudy. Prices fluctuating.
Kherwara („ 24th)	·92	Tanks and wells not so low. Crops fair. Very little rice yet sown. Health good. Prices steady. Weather seasonable.
Bickanir („ 23rd)	Heavier rain in some districts.	Sowings continue. Health good. Prices rising. Weather cloudy.
Nepal—(July 22nd)		
Katmandu (July 22nd)	1·46	Heavy showers and sultry intervals. More rain needed for the rice crop.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weather Review of India for the week ending the 27th July, 1887.

During the greater part of the week under review and over the greater part of India the general weather has been of the ordinary monsoon type. In the Punjab however, though the total amount of rain of the present week has greatly exceeded that of the previous week, rain has been intermittent and generally confined to the East and North. A ridge or shoulder of relatively high pressure existed for several days over Central India and Rajputana, which had the effect of preventing the coalescing of the two branches of the monsoon over North-Western India—a distribution which is always accompanied by feeble rains over that region.

On the 21st the Bombay monsoon current was blowing with its normal strength along the West Coast of the Peninsula, and with more than average velocity on the Coasts of Sind and Guzerat. Slight showers were received over the whole of the West Coast districts, and moderate rain over the Central parts of the country. In the north and east of the Punjab moderate rain, apparently brought by the strong southerly winds blowing across the Guzerat Coast, was also reported, the largest falls being 2½ inches at Murree and 1 inch at Sialkot.

On the 22nd the strength of the monsoon on the Sind and Cutch Coasts had decreased; and this had been accompanied by a falling off in the rainfall of North-Western India, the Punjab receiving no rain either on the hills or on the plains. On the Peninsula Coast there was no change, general rain having fallen throughout Western and Central India, and slight showers in the Carnatic. On the following day, while there was little change over the Peninsula, there occurred a rush of monsoon current into parts of North-Western India, giving Roorkee 5 inches, Meerut over 1 inch, and Delhi ¼ of an inch of rain. On the 24th a strong current prevailed along the whole of the West Coast from Kurrachee to Mangalore, but the rainfall accompanying it was generally moderate, and in the North-West did not extend beyond Lahore. On the following day rain extended to Rawalpindi, but all over the Punjab, Rajputana, &c., rain was either light or altogether wanting. On the 26th the monsoon current gave heavy rain to the Central Provinces and fairly heavy rain to the north of the Punjab. Some of the largest amounts reported were—Jubbulpore, 6 inches; Seoni, 5 inches; Hoshangabad, 4 inches; Pachmarhi, 3 inches; Surat, Rawalpindi, Murree, over 2 inches; and Sialkot, over 1 inch. On the 27th rain extended to Peshawar, which station received its first fall of rain this season. Rain fell generally over the north, east, and south-east of the Punjab, the west of the North-Western Provinces and Rajputana, as well as over all the Western and Central parts of the country. The amounts were generally smaller than on the preceding day; but Mount Abu received nearly 7 inches.

The Bay of Bengal monsoon current has been more or less feeble and intermittent throughout the week. On several days the distribution of pressure was such as to deflect a large portion of the current towards Burmah, so that, while Arakan and Lower Burmah were having general and rather heavy rain, Bengal only received light or moderate showers. On the 21st moderate rain was falling all over Eastern India, but on the 22nd the amounts in Bengal, except at Hazaribagh, were very light. On the following day, owing to the formation of a small depression near Saugor Island, the rainfall over Lower Bengal became heavier, but hardly any fell in the west and north of the Province. A further development of the depression occurring on the 24th, more rain fell in Lower Bengal, but, as on the preceding day, little or none in Western Bengal. During the 25th and 26th a moderate or fresh monsoon current blew across the Bengal Coasts, and the rainfall was somewhat more general; but on the 27th the current was again deflected towards the East, and rain was almost entirely confined to Lower and East Bengal, Assam, and Burmah.

The following table shows roughly the state of the seasonal rainfall:

Stations.		Total Rainfall since June 1st, 1887.	Average Rainfall, June 1st to July 27th.	Difference.
Akyab	...	58·29	89·66	—31·37
Saugor Island	...	23·21	24·67	— 1·46
Calcutta	...	24·02	22·76	+ 1·26
Dhubri	...	36·35	38·82	— 2·47
Purneah	...	22·15	24·98	— 2·83
Gya	...	12·99	15·42	— 2·43
Allahabad	...	10·10	13·78	— 3·68
Meerut	...	8·35	10·02	— 1·67
Delhi	...	12·08	10·00	+ 2·08
Lahore	...	4·13	6·15	— 2·02
Peshawar	...	0·80	1·19	— 0·39
Cochin	...	47·43	54·65	— 7·22
Ratnagiri	...	69·67	63·62	+ 6·05
Bombay	...	54·29	41·55	+12·74
Poona	...	14·34	11·47	+ 2·87
Surat	...	28·46	20·50	+ 7·96
Khandwa	...	18·61	15·10	+ 3·51
Nagpur	...	26·49	19·72	+ 6·77

At Calcutta, Delhi, on the Konkan Coasts, and over the Central parts of the country there has been more than the average rain, but in all other parts of the country there is greater or less deficit. Throughout nearly the whole of India, except the north of the Punjab, the rainfall of the past week has been below the average. In consequence at those stations showing an excess, the excess is less than it was at the close of last week, while at those showing a deficiency, the deficiency is greater than it was last week. It will, however, be noticed that the differences, as compared with the average, are generally not large.

The weather, except in Assam, North Bengal, Behar, the east of the Central Provinces, the Indus Valley, and the extreme south of the Peninsula, has been cooler than the normal, the greatest difference from the average being in the Central Provinces.

There have been no storms of any importance during the week. A slight disturbance was formed between Saugor Island and False Point on the 23rd and 24th, and subsequently travelled west-north-west across Chutia Nagpur to the Central Provinces; but the barometric depression at its centre was small, and the winds circulating around it but little above the normal strength.

The concluding table gives the total rainfall of the past week for the different Provinces:

Divisions.		No. of Stations.	Total Rainfall.
Burmah	...	6	49·52
Bengal and Assam	...	16	38·02
North-Western Provinces and Oudh	...	9	12·49
Punjab	...	7	13·81
Hill Stations	...	6	10·19
Ceylon	...	2	1·42
Malabar Coast	...	5	20·12
Bombay	...	9	23·27
Berars and Central Provinces	...	10	58·85
Guzerat and Central India	...	6	14·68
Sind—Rajputana	...	4	13·04
Madras	...	13	5·69

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PENSIONS AND GRATUITIES.

LIFE ASSURANCE AND LIFE ANNUITIES

REPORT ON THE OPERATIONS OF POSTAL LIFE INSURANCE AND MONTHLY ALLOWANCE SCHEME FOR THE OFFICIAL YEAR 1885-86.

No. 3922, dated Simla, 27th July, 1887.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read the following :

No. 12326, dated 21st December, 1886.

From—F. R. HOGG, Esq., Director General of the Post Office of India,

To—The Secretary to the Government of India, Department of Finance and Commerce.

I have the honour to submit the Annual Report on the Operations of the Postal Life Insurance and Monthly Allowance Scheme during the official year 1885-86.

2. This Scheme, which is limited to Postal employés, began to work from February 1884, so that the year under report is the second complete year of its existence. Provision has been made for effecting life insurance in three ways, *viz.*—

(*a*) By a single payment.

(*b*) By monthly payments until the person insured attains the age of either 50 or 55.

(*c*) By monthly payments during life.

3. And Monthly Allowances are of two kinds, *viz.*, "immediate" or "deferred." The maximum amount for which any one life can be insured is Rs. 4,000; and the highest monthly allowance granted is Rs. 50.

4. Two Statements, with an Abstract, are enclosed comparing the results of the year 1885-86 with those attained during the fourteen months ending with the 31st March 1885. A summary relating to Life Insurance is entered on the margin. During the year under report 170 new life policies were issued, representing a total assured amount of Rs. 1,91,350, as compared with 398 policies, aggregating Rs. 5,63,225, taken out during the fourteen months ending with the 31st March 1885. Of these 170 new policies, one only (for Rs. 700) was effected by a single payment; 99 policies, securing Rs. 1,10,800, were issued by payments extending over fixed periods; and 70 policies, securing Rs. 80,850, were concluded under the life-payment system. The average value of each policy amounted to Rs. 1,128-8-5. Out of the total number of policies issued during the year, 155 were for Natives and 15 for Europeans or Eurasians: Including all policies taken out since the beginning of the Scheme, the total amount received in 1885-86 on account of life insurance premiums paid was Rs. 24,677-3-3. One policy for Rs. 4,000 was discharged; and the total claims met during the year amounted in all to Rs. 4,273. Sixteen policies, aggregating Rs. 24,300, were surrendered; and six policies, amounting to Rs. 7,000, lapsed.

Life Insurance.	Up to 31st March 1885	Up to 31st March 1886.
Number of Lives insured ...	398	568
	Rs.	*Rs.*
Amount received in Premiums ...	14,890	39,567
Amount of Insurance ...	5,63,225	7,55,075
Amount of Claims met ...	1,500	5,773

5. The largest number of insurances effected was in the Bengal Postal Circle, where 44 policies were taken out; in Bombay and in Madras 36 and 35 were respectively issued; in Assam, 15; and in the North-Western Provinces, 12.

Postal Officials.	Number on 31st March 1886.	Number of Life Insurance Policies taken out			Percentage of lives insured.
		Up to 31st March 1885.	During 1885-86.	Total.	
Superintendents and Inspectors ...	346	38	7	45	13·00
Postmasters, Sub-Postmasters, and Village Postmasters ...	4,677	123	64	187	3·99
Schoolmasters and extraneous Agents	1,969	...	1	1	·05
Clerks ...	5,086	177	65	242	4·75
Postmen and Village Postmen ...	13,826	44	23	67	·48
Road Establishment ...	12,271	11	6	17	·13
Signallers, &c., in combined offices ...	654	5	4	9	1·37
Total ...	38,829	398	170	568	1·46

6. On the margin is given a Table showing the distribution of policies among the principal classes of Postal Officials since the Scheme was introduced. Out of a total of 38,829 employés, 568, or nearly 1½ per cent., have availed themselves of the advantages of State life insurance. Having regard to the fact that more than 26,000 of these employés belong to the poorly paid classes of postmen, runners, and boatmen, this result is, I think, encouraging. Excluding the Menial Establishments, the proportion of lives insured rises to 3·80 per cent.

7. Under the heading of "Postal Monthly Allowances" little or no progress has been made; and the failure of this facility for providence must now, I think, be accepted. During the year, one contract for a deferred monthly allowance of Rs. 10 was issued, and one contract for a monthly allowance of Rs. 4 was surrendered. At the close of the year four contracts only were in existence, representing in all monthly payments of Rs. 24 as monthly allowances.

8. The financial results of the Scheme will be gathered from the following figures:

		Rs. a. p.	Rs. a. p.
Life Insurance.			
Amount of Premiums received from 1st February 1884 to 31st March 1886	...	39,567 7 11	
Deduct Claims met during the same period	...	5,773 11 8	
Balance	...		33,793 12 3
Monthly Allowances.			
Subscriptions received from 1st February 1884 to 31st March 1886	...	1,603 6 2	
Deduct Claims met during the same period	...	472 5 4	
Balance	...		1,131 0 10
Total Balance to credit	...		34,924 13 1

9. On the 31st March 1886, the liabilities were as follow:

	No.	Amount.	Remarks.
		Rs.	
Life Policies in existence ...	533	7,01,125	Payment in a lump sum.
Monthly Allowance Contracts in existence ...	4	24	Monthly payment during the purchaser's life.

10. A strong repugnance to medical examination is entertained by the natives of this country, and there can be no doubt that this repugnance has restricted the progress of Postal life insurance. If, as in England, insurances could be granted for small sums without the production of medical certificate, a considerable addition to the business might be anticipated. Up to the 31st March 1886 no less than 44 instances had been reported of the rejection of applications for life insurance on the ground of unfavourable medical reports. Doubtless many other cases exist in which intending applicants have been deterred from submitting proposals through fear of the searching medical examination prescribed by the Rules.

Statement comparing the Operations of the Postal Life Insurance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885.

Postal Circle.	BY A SINGLE PAYMENT OF PREMIUM.											
	NUMBER OF LIVES INSURED.			AMOUNT RECEIVED IN PREMIUM.			AMOUNT OF INSURANCE.			AMOUNT OF CLAIMS MET.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Chief Office, Calcutta	...	...	...	...	...	...	...	...	...	...	...	...
Madras ...	...	...	...	...	...	...	...	...	...	...	...	...
Bombay ...	...	1	1	...	469	469	...	700	700	...	...	...
North-Western Provinces.	...	...		...	...	...	...	...	...	...	...	...
Punjab ...	..	...	...	...	...	...	...	...	...	...	...	...
British Burma ...	...	...	...	...	...	...	...	...	...	...	...	...
Central Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh ...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana ...	...	...	...	...	...	...	...	...	...	...	...	...
Assam ...	...	...	...	...	...	...	...	...	...	...	...	...
Behar ...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Central India ...	...	...	...	...	...	...	...	...	...	...	...	...
Sind ...	...	...	...	...	...	...	...	...	...	...	...	...
Railway Mail Service	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	1	1	...	469	469	...	700	700	...	...	...

NOTE.—The entries under the head of "Amount received in Premiums" during 1885-86 include the Premiums realised for Policies issued in previous years.

Statement comparing the Operations of the Postal Life Insurance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885—contd.

Postal Circle.	BY PAYMENT OF PREMIUM DURING A FIXED PERIOD.											
	Number of Lives insured.			Amount received in Premium.			Amount of Insurance.			Amount of Claims met.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.
Bengal ...	56	16	72	1,784 9 3	2,982 4 4	4,766 13 7	67,650	21,350	89,000	...	44 2 0	44 2 0
Chief Office, Calcutta	16	2	18	1,277 13 0	1,721 5 8	2,999 2 8	41,000	8,000	49,000	...	...	...
Madras ...	48	22	70	1,098 10 8	2,118 5 4	3,217 0 0	51,250	20,900	72,150	...	70 3 3	70 3 3
Bombay ...	35	25	60	1,005 13 10	1,931 1 11	2,936 15 9	39,450	14,500	53,950	...	...	...
North-Western Provinces.	15	6	21	347 10 3	766 9 8	1,114 3 11	11,450	11,500	22,950	1,000	3 2 10	1,003 2 10
Punjab ...	8	1	9	629 11 8	560 3 4	1,189 15 0	19,800	2,000	21,800	...	68 2 8	68 2 8
British Burma ...	1	1	2	56 4 0	123 15 6	180 3 6	2,000	500	2,500	...	...	...
Central Provinces ...	7	2	9	208 3 8	342 8 10	550 12 6	6,900	1,100	8,000	...	...	...
Oudh ...	6	...	6	405 12 0	474 0 0	879 12 0	10,150	...	10,150	...	...	...
Rajputana ...	4	2	6	185 13 4	319 11 0	505 8 4	6,000	3,000	9,000	...	...	...
Assam ...	30	11	41	757 11 4	1,894 5 0	2,652 0 4	45,125	11,350	56,475	...	...	...
Behar ...	13	1	14	718 12 10	1,396 0 4	2,115 6 2	26,000	400	26,400	...	...	...
Eastern Bengal ...	18	3	21	633 0 8	882 0 4	1,515 1 0	21,500	3,450	24,950	500	...	500 0 0
Central India ...	4	...	4	161 11 6	219 6 0	381 1 6	6,500	...	6,500	...	...	...
Sind ...	5	2	7	417 9 8	355 13 4	773 7 0	14,500	5,000	19,500	...	4,036 2 0	4,036 2 0
Railway Mail Service	11	5	16	781 1 6	1,166 14 0	1,947 15 6	22,750	7,750	30,500	...	...	...
Total ...	277	99	376	10,470 5 2	17,256 1 7	27,725 6 9	3,92,025	1,10,800	5,02,825	1,500	4,221 12 0	5,721 12 0

NOTE.—The entries under the head of "Amount received in Premiums" during 1885-86 include the Premiums realised for Policies issued in previous years.

Statement comparing the Operations of the Postal Life Insurance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885—contd.

Postal Circle.	BY PAYMENT OF PREMIUM DURING LIFE.											
	Number of Lives insured.			Amount received in Premium.			Amount of Insurance.			Amount of Claims met.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs. a. p.	Rs. a. p	Rs. a. p.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bengal ...	35	24	59	1,469 7 8	2,325 7 3	3,794 14 11	55,000	31,050	86,650	...	51 1 4	51 1 4
Chief Office, Calcutta	4	2	6	135 5 6	397 11 0	533 0 6	10,800	6,000	16,800	...	...	...
Madras ...	25	13	38	563 3 3	1,172 11 8	1,735 14 10	23,900	11,450	35,350	...	...	...
Bombay ...	17	10	27	277 12 3	491 10 8	769 6 11	12,900	4,250	17,150	...	...	...
North-Western Provinces.	4	6	10	75 13 8	220 13 4	296 11 0	2,200	5,600	7,800	...	0 13 7	0 13 7
Punjab ...	4	4	8	139 11 0	183 6 5	323 1 5	4,500	2,850	7,350	...	...	...
British Burma ...	...	2	2	55 6 8	113 2 0	168 8 8	...	6,000	6,000	...	...	...
Central Provinces ...	3	1	4	18 6 4	42 12 0	61 2 4	1,000	1,000	2,000	...	...	...
Oudh ..	1	...	1	22 8 0	22 8 0	45 0 0	500	...	500	...	...	...
Rajputana ...	...	...	...	...	...	...	...	...	...	...	...	...
Assam ...	13	4	17	468 11 4	607 10 4	1,076 5 8	22,800	4,150	26,950	...	...	...
Behar ..	5	...	5	208 3 3	236 14 0	445 1 3	9,500	...	9,500	...	...	...
Eastern Bengal ...	1	2	3	205 0 0	248 8 8	453 8 8	4,000	3,000	7,000	...	...	...
Central India ...	...	...	...	...	...	...	...	...	...	...	...	...
Sind ...	3	1	4	238 2 0	338 15 4	577 1 4	6,500	2,000	8,500	...	...	...
Railway Mail Service	6	1	7	542 4 8	550 15 0	1,093 3 8	17,000	3,000	20,000	...	...	...
Total ...	121	70	191	4,419 15 6	6,953 1 8	11,373 1 2	1,71,200	80,350	2,51,550	...	51 14 11	51 14 11

NOTE.—The entries under the head of "Amount received in Premiums" during 1885-86 include the Premiums realised for Policies issued in previous years.

Statement comparing the Operations of the Postal Life Insurance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885—concld.

Postal Circle.	TOTAL.											
	Number of Lives insured.			Amount received in Premium.			Amount of Insurance.			Amount of Claims met.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs.	Rs.	Rs.	Rs.	Rs. a. p.	Rs. a. p.
Bengal ...	91	40	131	3,254 0 11	5,307 11 7	8,561 12 6	1,23,250	52,400	1,75,650	...	95 3 4	95 3 4
Chief Office, Calcutta...	20	4	24	1,413 2 6	2,119 0 8	3,532 3 2	51,800	14,000	65,800	...	...	...
Madras ...	73	35	108	1,661 13 10	3,291 1 0	4,952 14 10	75,150	32,350	1,07,500	...	70 3 3	70 3 3
Bombay ...	52	36	88	1,283 10 1	2,891 12 7	4,175 6 8	52,350	19,450	71,800	...	...	...
North-Western Provinces.	19	12	31	423 7 11	987 7 0	1,410 14 11	13,650	17,100	30,750	1,000	4 0 5	1,004 0 5
Punjab ...	12	5	17	769 6 8	743 9 9	1,513 0 5	24,300	4,850	29,150	...	68 2 8	68 2 8
British Burma ...	1	3	4	111 10 8	237 1 6	348 12 2	2,000	6,500	8,500	...	...	...
Central Provinces ...	10	3	13	226 10 0	385 4 10	611 14 10	7,900	2,100	10,000	...	...	...
Oudh ...	7	...	7	428 4 0	496 8 0	924 12 0	10,650	...	10,650	...	...	...
Rajputana ...	4	2	6	185 13 4	319 11 0	505 8 4	6,000	3,000	9,000	...	...	...
Assam ...	43	15	58	1,226 6 8	2,501 15 4	3,728 6 0	67,925	15,500	83,425	...	...	...
Behar ...	18	1	19	927 0 1	1,633 7 4	2,560 7 5	35,500	400	35,900	...	...	...
Eastern Bengal ...	19	5	24	838 0 8	1,130 9 0	1,968 9 8	25,500	6,450	31,950	500	...	500 0 0
Central India ...	4	...	4	161 11 6	219 6 0	381 1 6	6,500	...	6,500	...	...	...
Sind ...	8	3	11	655 11 8	694 12 8	1,350 6 4	21,000	7,000	28,000	...	4,036 2 0	4,036 2 0
Railway Mail Service	17	6	23	1,323 6 2	1,717 13 0	3,041 3 2	39,750	10,750	50,500	...	...	...
Total ...	398	170	568	14,890 4 8	24,677 3 3	39,567 7 11	5,63,225	1,91,850	2,55,075	1,500	4,273 11 8	5,773 11 8

* Note.—The entries under the head of "Amount received in Premiums" during 1885-86 include the Premiums realised for Policies issued in previous years.

Statement comparing the Operations of the Postal Monthly Allowance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885.

Postal Circle.	IMMEDIATE MONTHLY ALLOWANCE SECURED BY PAYMENT OF SINGLE SUBSCRIPTION.											
	Number of Subscribers.			Amount of Subscriptions received.			Amount of Monthly Allowance secured.			Claims of Monthly Allowance met.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Chief Office, Calcutta ...	...	...	...	...	...	...	...	...	...	...	...	...
Madras ...	...	...	...	...	...	...	...	...	...	...	...	...
Bombay ...	1	1	...	1	472 5 4	...	472 5 4	4 0 0	...	4 0 0	4 0 0	468 5 4	472 5 4
North-Western Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab ...	...	...	...	...	...	...	...	...	...	...	...	...
British Burma ...	...	...	...	...	...	...	...	...	...	...	...	...
Central Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh ...	...	...	...	...	...	...	...	...	...	...	...	...
Rajputana ...	...	...	...	...	...	...	...	...	...	...	...	...
Assam ...	...	...	...	...	...	...	...	...	...	...	...	...
Behar ...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Central India ...	...	...	...	...	...	...	...	...	...	...	...	...
Sind ...	...	...	...	...	...	...	...	...	...	...	...	...
Railway Mail Service ...	1	...	1	1,063 12 10	...	1,063 12 10	5 0 0	...	5 0 0	...	...	...
Total ...	2	...	2	1,536 2 2	...	1,536 2 2	9 0 0	...	9 0 0	4 0 0	468 5 4	472 5 4

NOTE.—The entries under the head of "Amount of Subscriptions received" during 1885-86 include Subscriptions realised in that year for Contracts concluded in previous years.

Statement comparing the Operations of the Postal Monthly Allowance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885—contd.

Postal Circle.	DEFERRED MONTHLY ALLOWANCE SECURED BY PAYMENT OF MONTHLY SUBSCRIPTION.											
	NUMBER OF SUBSCRIBERS.			AMOUNT OF SUBSCRIPTIONS RECEIVED.			AMOUNT OF MONTHLY ALLOWANCE SECURED.			CLAIMS OF MONTHLY ALLOWANCE MET.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Chief Office, Calcutta ...	...	...	...	...	...	...	...	...	...	...	...	...
Madras ...	...	...	...	...	...	...	...	...	...	...	...	...
Bombay ...	1	...	1	23 1 4	33 2 0	55 3 4	5 0 0	...	5 0 0	...	...	...
North-Western Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab ...	...	...	...	...	...	...	...	...	...	...	...	...
British Burma ...	...	...	...	...	...	...	...	...	...	...	...	...
Central Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh ...	...	1	1	...	7 4 8	7 4 8	...	10 0 0	10 0 0	...	...	...
Rajputana ...	...	...	...	...	...	...	...	...	...	...	...	...
Assam ...	...	...	...	...	...	...	...	...	...	...	...	...
Behar ...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Central India ...	...	...	...	...	...	...	...	...	...	...	...	...
Sind ...	...	...	...	...	...	...	...	...	...	...	...	...
Railway Mail Service ...	1	...	1	4 12 0	...	4 12 0	4 0 0	...	4 0 0	...	...	...
Total ...	2	1	3	36 13 4	40 6 8	87 4 0	9 0 0	10 0 0	19 0 0	...	...	...

NOTE.—The entries under the head of "Amount of Subscriptions received" during 1885-86 include Subscriptions realised in that year for Contracts concluded in previous years.

Statement comparing the Operations of the Postal Monthly Allowance Scheme in each Postal Circle during the year 1885-86 with the period from the 1st February 1884 to the 31st March 1885—concld.

Postal Circle.	TOTAL.											
	Number of Subscribers.			Amount of Subscriptions received.			Amount of Monthly Allowance secured.			Claims of Monthly Allowance met.		
	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.	1st February 1884 to 31st March 1885.	1885-86.	Total.
				Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Chief Office, Calcutta ...	...	...	...	...	...	...	...	...	...	...	...	...
Madras ...	...	...	...	...	...	...	...	...	...	...	...	...
Bombay ...	2	...	2	494 6 8	33 2 0	527 8 8	0 0 0	...	0 0 0	4 0 0	468 5 4	472 5 4
North-Western Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Punjab ...	...	...	...	...	...	...	...	...	...	...	...	...
British Burma ...	...	...	...	...	...	...	...	...	...	...	...	...
Central Provinces ...	...	...	...	...	...	...	...	...	...	...	...	...
Oudh ...	...	1	1	...	7 4 8	7 4 8	...	10 0 0	10 0 0	...	...	...
Rajputana ...	...	...	...	...	...	...	...	...	...	...	...	...
Assam ...	...	...	...	...	...	...	...	...	...	...	...	...
Behar ...	...	...	...	...	...	...	...	...	...	...	...	...
Eastern Bengal ...	...	...	...	...	...	...	...	...	...	...	...	...
Central India ...	...	...	...	...	...	...	...	...	...	...	...	...
Sind ...	...	...	...	...	...	...	...	...	...	...	...	...
Railway Mail Service ...	2	...	2	1,068 8 10	...	1,068 8 10	9 0 0	...	9 0 0	...	...	...
Total ...	4	1	5	1,562 15 6	40 6 8	1,603 6 2	18 0 0	10 0 0	28 0 0	4 0 0	468 5 4	472 5 4

NOTE.—The entries under the head of "Amount of Subscriptions received" during 1885-86 include Subscriptions realised in that year for Contracts concluded in previous years.

Abstract.

	Life Insurance.				Monthly Allowances.			
	Balance on 1st April 1885.	Amount received in Premium.	Amount of Claims met.	Balance on 31st March 1886.	Balance on 1st April 1885.	Amount of Subscriptions received.	Claims of Monthly Allowances met.	Balance on 31st March 1886.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Bengal ...	5,272 1 9	8,542 2 11	95 3 4	13,719 1 4	1,068 8 10	...	...	1,068 8 10
Chief Office, Calcutta ...	...	...	...	...	...	...	...	...
Madras ...	1,061 13 10	3,381 1 0	70 3 3	4,972 11 7	...	...	...	...
Bombay ...	1,483 10 1	3,259 14 7	...	4,743 8 8	490 6 8	33 2 0	468 5 4	55 3 4
North-Western Provinces ...	268 7 9	1,491 11 4	4 0 5	1,219 3 2	...	...	...	...
Punjab ...	882 3 8	743 2 8	68 2 8	1,557 3 8	...	...	...	...
British Burma ...	111 10 8	350 13 6	...	462 8 2	...	...	...	...
Central Provinces ...	240 0 0	400 12 4	...	641 2 4	...	...	...	...
Oudh ...	428 4 0	514 13 4	...	943 1 4	...	7 4 8	...	7 4 8
Rajputana ...	265 0 0	381 6 1	...	646 6 1	...	...	...	...
Assam ...	1,226 6 8	2,488 10 0	...	3,715 0 8	...	...	...	...
Behar ...	927 0 1	1,311 12 8	...	2,238 12 9	...	...	...	...
Eastern Bengal ...	338 0 8	904 5 0	...	1,242 5 8	...	...	...	...
Central India ...	161 11 6	219 6 0	...	381 1 6	...	...	...	...
Sind ...	660 7 6	687 3 10	4,036 2 0	2,688 6 8	...	...	...	...
Total of 1885-86 ...	13,390 4 8	21,677 3 3	4,273 11 8	33,793 12 3	1,558 15 6	40 6 8	468 5 4	1,131 0 10
Total from 1st February 1884 to 31st March 1885 ...	...	14,890 4 8	1,500 0 0	13,390 4 8	...	1,562 15 6	4 0 0	1,558 15 6
Increase ...	...	9,786 14 7	2,773 11 8	...	...	...	464 5 4	...
Decrease ...	...	...	...	...	...	1,522 8 10	...	...

	Life Insurance.		Monthly Allowances.	
	Number.	Amount.	Number.	Amount.
		Rs. a. p.		Rs. a. p.
Balance of 1884-85	386	5,47,575 0 0	4	18 0 0
Issued during the year	170	1,91,850 0 0	1	10 0 0
Total	556	7,39,425 0 0	5	28 0 0
Deduct—				
Discharged during the year	1	4,000 0 0	...	...
Lapsed and surrendered, as per details below	22	31,300 0 0	1	4 0 0
Balance of 1885-86	533	7,04,125 0 0	4	24 0 0

Details relating to Surrendered, Lapsed, or Cancelled Policies or Contracts.

	Surrendered.		Lapsed.		Cancelled.		Total.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		Rs.		Rs.		Rs.		Rs.
Bengal	3	4,700	1	500	...	...	4	5,200
Madras	4	6,500	2	1,500	...	...	6	8,000
Bombay	1	150	...	...	...	...	1	150
North-Western Provinces	3	350	...	...	...	...	3	350
Punjab	1	300	...	...	...	...	1	300
Assam	...	...	1	1,000	...	...	1	1,000
Eastern Bengal	...	...	1	2,000	...	...	1	2,000
Sind	1	2,000	...	...	...	...	1	2,000
Chief Office, Calcutta	3	10,800	1	2,000	...	...	4	12,800
Total	16	24,300	6	7,000	...	...	22	31,300

Ordered, that the above be published in the Supplement to the *Gazette of India* for general information.

J. WESTLAND,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XII OF 1887-88.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used, as far as possible.

Latest Return received.	Railways.	Total mean length open.	Receipts for week ending 26th June, 1886. Total.	Receipts for week ending 26th June, 1886. Per mile open.	Total mean length open.	Receipts for week ending 25th June, 1887. Total.	Receipts for week ending 25th June, 1887. Per mile open.	Total Receipts from 1st April to 26th June, 1886. Total.	Total Receipts from 1st April to 26th June, 1886. Per mile open per week.	Total Receipts from 1st April to 25th June, 1887. Total.	Total Receipts from 1st April to 25th June, 1887. Per mile open per week.	Total increase in 1887-88.	Total decrease in 1887-88.
	Lines worked by Guaranteed Companies.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Last 5 days of June, 1887	Oudh and Rohilkhand	680	1,05,308	155	686	1,01,460	148	19,37,684	229	18,10,321	215	...	7,36[illegible]
9th July, 1887	Madras	801	1,73,137	201	831	1,58,895	191	10,10,293	179	19,67,028	193	56,735	...
25th June, 1887	South Indian	654	1,03,443	158	654	95,766	146	12,36,022	152	12,39,156	154	3,134	...
9th July, 1887	Great Indian Peninsula	1,497	5,15,304	344	1,497	6,72,808	450	1,19,10,431	640	1,32,68,583	721	13,58,152	...
25th June, 1887	Bombay, Baroda and Central India	461	2,17,870	473	461	2,06,000	447	43,59,435	761	40,30,934	712	...	3,28,50[illegible]
	TOTAL	4,153	11,15,122	269	4,129	12,34,929	299	2,13,53,865	414	2,23,16,022	440	9,62,157	...
	State Lines worked by Guaranteed Companies.												
25th June, 1887	East Indian	1,515	8,28,440	547	1,519	7,83,926	516	1,23,10,207	654	1,18,98,524	638	...	4,11,683
Ditto	Patna-Gya	57	7,000	123	57	7,712	135	1,22,687	173	1,14,644	161	...	8,043
Last 12 days of ditto	Dildarnagar-Ghazipur	12	939	78	12	784	65	16,735	112	13,769	93	...	2,966
9th July, 1887	Sindia	75	6,274	84	75	8,220	110	92,790	99	1,08,918	118	16,128	...
25th June, 1887	Rajputana-Malwa (*a*)	1,664	3,49,024	210	1,664	3,16,000	190	50,01,373	242	45,43,737	222	...	4,57,636
16th July, 1887	Southern Mahratta	315	35,079	113	674	72,133	107	4,29,234	109	8,02,239	104	3,73,005	...
30th June, 1887	Indian Midland	42	−197	−5	42	2,842	68	26,225	50	50,579	98	24,354	...
...	Lucknow-Sitapur-Sihramau	...	...	...	85	4,159	49	...	...	52,417	53	52,417	...
	TOTAL	3,680	12,27,159	333	4,128	11,95,776	289	1,79,99,251	393	1,75,84,827	351	...	4,14,424
	State Lines worked by Government.												
25th June, 1887	Eastern Bengal (*b*)	606	1,79,724	297	645	1,47,671	229	17,40,741	231	16,70,559	211	...	70,182
16th July, 1887	Nalhati	27	1,767	65	27	1,947	71	23,326	69	23,221	69	...	105
Ditto	Tirhoot	240	30,985	126	249	33,338	134	4,30,422	141	4,49,934	148	19,512	...
Ditto	Wardha Coal	45	11,293	251	45	15,834	352	1,93,454	346	2,08,563	377	15,109	...
Ditto	Nagpur and Chhattisgarh	149	16,713	112	149	14,038	94	4,84,805	262	4,83,157	264	...	1,648
First 9 days of July, 1887	Burma	327	36,516	112	327	45,729	140	5,87,552	145	7,66,137	191	1,78,585	...
2nd July, 1887	Cherra-Companyganj	...	...	...	7	46	7	...	..	584	7	584	...
25th June, 1887	North-Western (*c*)	1,869	4,68,011	250	3,083	4,05,463	195	64,53,909	278	54,08,193	211	...	10,45,716
16th July, 1887	Bareilly-Pilibheet	36	3,311	92	36	1,669	46	27,970	62	24,716	56	...	3,254
9th July, 1887	Jorhat	26	666	26	26	810	31	7,788	25	11,399	37	3,611	...
2nd July, 1887	Bilaspur-Etawa (Kutni-Umaria Section)	...	...	...	38	1,266	33	...	...	18,474	40	18,474	...
	TOTAL	3,331	7,48,986	225	3,632	6,67,801	184	99,49,967	240	90,64,937	203	...	8,85,030
GRAND TOTAL (GUARANTEED AND STATE)		11,164	30,91,267	277	11,889	30,98,506	261	4,93,03,083	355	4,89,65,786	337	...	3,37,297
GROSS ESTIMATED EXPENSES		...	...	...	...	...	...	2,18,84,587	158	(*d*) 2,16,98,686	149	...	[illegible]
NET RECEIPTS		...	...	...	...	...	...	2,74,18,496	197	2,72,67,100	188	...	[illegible]
	Assisted Companies.												
16th July, 1887	Bengal Central	125	25,679	205	125	13,125	105	1,60,885	104	1,54,820	101	...	6,065
Ditto	Rohilkhand-Kumaon	67	7,158	107	67	7,658	114	91,483	109	92,059	112	576	...
25th June, 1887	Dibru-Sadiya (late Assam)	78	5,252	67	78	7,988	102	84,344	87	1,04,771	109	20,427	...
30th June, 1887	Bengal and North-Western	303	53,151	175	376	48,481	129	5,59,922	148	6,07,966	132	48,044	...
25th June, 1887	Tarakessur	22	3,143	141	22	5,184	233	70,937	256	71,030	260	93	...
	TOTAL	595	94,383	159	668	82,436	123	9,67,571	135	10,30,646	125	63,075	...
	Native States.												
16th July, 1887	Bhavnagar-Gondal	193	13,389	69	193	12,968	67	3,41,083	142	3,46,990	146	5,907	...
2nd July, 1887	Jodhpore	64	3,218	50	124	7,000	56	50,913	64	91,770	60	40,857	...
18th July, 1887	Nizam's	...	(*g*)	...	...	(*g*)	...	(*e*) 2,76,739	116	(*f*) 3,67,837	157	91,101	...
25th June, 1887	Mysore	140	8,302	59	140	8,373	60	1,03,782	60	1,15,997	67	12,215	...
Ditto	Rajpura-Patiala	16	1,181	74	16	947	59	17,245	87	13,745	70	...	3,500
Ditto	Morvi	24	383	16	68	1,997	29	16,570	56	48,687	57	32,117	...
	TOTAL	437	26,473	60	541	31,285	58	8,06,329	100	9,85,026	106	1,78,697	...

(*a*) Includes the Cawnpore-Achnera State Railway.
(*b*) Includes the Northern Bengal, Dacca, Kaunia-Dhurlla, and Assam-Behar Railways.
(*c*) Includes Amritsar-Pathankot Railway.
(*d*) Calculated on percentage used for the corresponding period of 1886.
(*e*) Total Receipts from 1st April to 19th June, 1886.
(*f*) Total receipts from 1st April to 18th June, 1887.
(*g*) Return not received.

SIMLA,
The 29th July, 1887.

JAMES RAMSAY,
Offg. Under-Secretary.

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SUPPLEMENT TO

The Gazette of India.

No. 32.} CALCUTTA, SATURDAY, AUGUST 6, 1887.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in* PART VI *of the* GAZETTE.

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GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

TRAFFIC RETURN OF THE GANGES AND AGRA CANALS FOR THE HALF-YEARS ENDING 31st MARCH, 1887 & 1886.

Comparative Return of Traffic carried on the Upper and Lower Ganges Canals for the half-years ending 31st March, 1887 and 1886.

	Demands.		Collections during current half-year.	Balance uncollected.	Same period of previous year.		Nature of Cargo.	Current half-year.			Corresponding period of previous year.		
	Balance from previous half-year.	For current half-year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	R	R	R	R	R	R		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Tollage.													
Private boats	1,200	7,684	8,867	17	8,159	8,029	Grains	124,771	46.522	171,293	29,579	151,391	180,970
Government boats	...	672	672	...	1,147	1,147	Cotton	...	44.058	44.058	675	38,666	39.341
							Oilseeds	2.193	990	3,183	4.716	1,965	6,681
Rafts	...	221	221	...	994	994	Salt	3,290	7.918	11,208	1,952	6,007	7.959
							Metals	4,546	12,283	16,829	36,174	7.620	43.794
Carrying operations.							Building materials.	508,467	136,683	645,150	366,496	450,282	816,778
Boating (Government).	...	1,422	1,422	...	740	740	Miscellaneous goods.	97,825	83.328	181,153	69,074	74,380	143,454
Fines and sundries.	...	39	39	...	10	10	Firewood	6,196	138,290	144,486	27,535	173.725	201,260
							Bamboos	1,040	41.376	42,416	584	77,293	77,877
Ground rent	...	473	473	...	647	647	Timber	866	46,082	46,948	1,055	95,055	96.110
							Miscellaneous Timber.	31	8,046	8,077	92	7,442	7,534
Total	1,200	10,511	11,694	17	11,697	11,567							
Upper Ganges Canal.	621	5,270	5,882	9	7,064	6,997							
Lower Ganges Canal.	579	5,241	5,812	8	4,633	4,570							
Total	1,200	10,511	11,694	17	11,697	11,567	Total	749,225	565,576	1,314,801	537,932	1,083,826	1,621,758

	Tonnage.						Ton mileage.						Value of Goods.						Number of passengers.					
	1887.			1886.			1887.			1886.			1887.			1886.			1887.			1886.		
	Upper Ganges Canal.	Lower Ganges Canal.	Through.	Upper Ganges Canal.	Lower Ganges Canal	Through.	Upper Ganges Canal.	Lower Ganges Canal.	Through.	Upper Ganges Canal.	Lower Ganges Canal.	Through.	Upper Ganges Canal.	Lower Ganges Canal.	Through.	Upper Ganges Canal.	Lower Ganges Canal.	Through.	Upper Ganges Canal.	Lower Ganger Canal.	Through.	Upper Ganges Canal.	Lower Ganges Canal.	Through.
1	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
	Local.			Local.			Local.			Local.			Local			Local.			Local.			Local.		
	17,907	20,134	10,256	32,342	16,864	10,366	828,799	486,273	2,544,891	1,417,572	234,091	2,458,055	R 4,54,211	R 3,79,018	R 11,01,869	R 6,43,386	R 4,44,839	R 11,95,062	38*	445	364	2,584	196	1,938
	48,297			59.572			3,859.963			4,109,718			19.35,098			22,83,287			847			4.718		

* Includes 25 goats.

ALLAHABAD,
The 22nd June, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt. N. W. P. & Oudh, P. W. D., I. B.

Comparative Return of Traffic carried on the Upper and Lower Ganges Canals for the years ending 31st March, 1887 and 1886.

	Demands.				Corresponding period of previous year.			1886-87.			1885-87.			Tonnage.						Ton mileage.						Value of Goods.						Number of Passengers.					
														1886-87.			1885-86.			1886-87.			1885-86.			1886-87.			1885-86.			1886-87.			1885-86.		
	Balance from previous year.	For current year.	Collections during current year.	Balance uncollected.	Demands.	Collections.	Nature of cargo.	Up.	Down.	Total.	Up.	Down.	Total.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.	Upper Ganges Canal.	Local. Lower Ganges Canal.	Through.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
Tollage.	R	R	R	R	R	R		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.																								
Private boats .	558	13,124	13,667	15	13,496	13,077	Grains .	141,928	96,806	238,734	60,595	187,297	247,892																								
Government boats.	...	1,171	1,171	...	1,884	1,884	Cotton .	...	64,672	64,672	675	50,850	51,525																								
Rafts .	...	2,108	2,108	...	2,546	2,546	Oilseeds .	3,739	24,365	28,104	7,373	17,068	24,441																								
Carrying operations.							Salt . .	5,396	13,972	19,368	4,639	17,041	21,680																								
							Metals .	10,914	22,350	33,264	57,777	8,600	65,377																								
Boating (Government).	...	1,530	1,530	...	878	878	Building materials.	669,091	626,332	1,295,423	569,604	749,688	1,319,292	52,228	32,847	13,970	55,844	33,977	16,028	1,937,208	779,159	3,513,822	2,349,922	456,839	3,886,287	R9,80,187	R6,44,645	R16,17,688	R11,70,567	R6,45,894	R17,98,612	722	1,096	1,005	8,683	971	2,423
Fines and sundries.	...	52	52	...	47	47	Miscellaneous goods.	120,187	132,283	252,470	83,035	177,380	260,415																								
Ground rent .	...	1,293	1,293	...	1,595	1,595	Firewood .	19,770	277,391	297,161	39,095	307,738	346,833																								
Total .	558	19,278	19,821	15	20,446	20,027	Bamboos .	1,199	246,109	247,308	1,184	255,090	256,274																								
Upper Ganges Canal.	289	10,896	11,177	8	12,677	12,460	Timber .	3,258	196,551	199,809	3,099	269,231	272,330																								
Lower Ganges Canal.	269	8,382	8,644	7	7,769	7,567	Miscellaneous timber.	428	19,545	19,973	1,060	13,443	14,503																								
Total .	558	19,278	19,821	15	20,446	20,027	Total .	975,910	1,720,376	2,696,286	828,136	2,053,426	2,881,562	99,045			105,849			6,230,189			6,723,048			32,42,520			36,15,103			2,823			12,077		

ALLAHABAD;
The 22nd June, 1887.

H. W. CONDUITT,
Asstt. Secy. to Govt., N. W. P. and Oudh, P. W. D., I. B.

Comparative Return of Traffic carried on the Agra Canal for the half-years ending 31st March, 1887 and 1886.

	Demands.		Collected during current half-year.	Balance uncollected.	Same period of previous year.		Nature of cargo.	Current half year.			Corresponding period of previous year.			Tonnage.		Ton milkage.		Value of goods.		Number of passengers.	
	Balance from previous half year.	For current half-year.			Demands.	Collections.		Up.	Down.	Total.	Up.	Down.	Total.	1887.	1886.	1887.	1886.	1887.	1886.	1887.	1886.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	R	R	R	R	R	R		Mds.	Mds.	Mds.	Mds.	Mds.	Mds.								
Tollage.																					
Private boats	...	1,936	1,936	...	2,023	2,023	Grains	6,565	72,831	79,396	140	146,302	146,442								
Government boats	...	308	308	...	480	480	Cotton	...	6,474	6,474	...	1,597	1,597								
							Oilseeds	700	1,226	1,926	...	875	875								
Rafts	...	...	...	...	22	22	Salt	90	...	90	100	50	150								
							Metals	3,291	291	3,582	6,075	...	6,075	15,106	9,762	886,693	900,250	R303,116	R276,284	214	172
Carrying operations.							Building materials	203,128	14,080	217,208	84,640	1,700	86,340								
							Miscellaneous goods	5,188	4,997	10,185	2,262	5,288	7,550								
Boating Government	...	3,632	3,632	...	1,203	1,203	Firewood	57,442	27,081	84,523	13,900	300	14,200								
Fines and Sundries	...	...	...	...	...	...	Bamboos	...	...	...	...	...	...								
							Timber	...	5,900	5,900	...	1,560	1,560								
Ground rent	...	...	...	...	...	...	Miscellaneous timber	18	1,950	1,968	1	973	974								
Total	...	5,876	5,876	...	3,728	3,728	Total	276,422	134,830	411,252	107,118	158,645	265,763	...	...	...	...	...	...	...	...

ALLAHABAD;
The 22nd June, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., I. B.

Comparative Return of Traffic carried on the Agra Canal for the years ending 31st March, 1887 and 1886.

	Demands.		Collected during current year.	Balance uncollected.	Same period of previous year.	
	Balance from previous year.	For current year.			Demands.	Collections.
1	2	3	4	5	6	7
	R	R	R	R	R	R
Tollage.						
Private boats	...	3,963	3,963	...	3,431	3,431
Government boats	...	658	658	...	781	781
Rafts	...	1,155	1,155	...	50	50
Carrying Operations.						
Boating (Government)	...	5,957	5,957	...	1,413	1,413
Fines and sundries	...	...	...	...	...	...
Ground rent	...	...	...	...	...	...
Total	...	11,733	11,733	...	5,675	5,675

Nature of Cargo.	1886-87.			1885-86.			Tonnage.		Ton mileage.		Value of goods.		Number of passengers.	
	Up.	Down.	Total.	Up.	Down.	Total.	1886-87.	1885-86.	1886-87.	1885-86.	1886-87.	1885-86.	1886-87.	1885-86.
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.					R	R		
Grains	6,765	202,561	209,326	515	204,086	204,601								
Cotton	...	6,642	6,642	...	1,597	1,597								
Oilseeds	700	2,408	3,108	...	2,617	2,617								
Salt	90	...	90	200	50	250								
Metals	15,541	291	15,832	6,075	...	6,075								
Building materials	454,179	59,880	514,059	175,187	4,550	179,737								
Miscellaneous goods	6,738	20,822	27,560	3,802	35,563	39,365								
Firewood	80,120	40,176	120,296	14,650	3,200	17,850	34,528	16,867	1,918,296	1,594,266	7,16,305	4,72,839	495	172
Bamboos	...	...	...	...	...	...								
Timber	...	7,650	7,650	...	5,610	5,610								
Miscellaneous Timber	18	35,425	35,443	1	1,483	1,484								
Total	564,151	375,855	940,006	200,430	258,756	459,186	...	...	...	...	...	...	...	...

ALLAHABAD,
The 22nd June, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W. D., I.B.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

IRRIGATION OPERATIONS, NORTH-WESTERN PROVINCES, FOR THE RABI SEASON 1886-87 (1st OCTOBER TO 31st MARCH.)

No. A21. RABI STATEMENT.

IRRIGATION OPERATIONS OF FASL RABI, 1886-87.

Comparative Statement of Irrigation and Rainfall in Canal Districts of the North-Western Provinces.

Zila.	Area in acres.	Culturable acres.	Areas irrigated.		1886-87 as compared with 1885-86.		Rainfall for six months, October to March, 1886-87.													
			Rabi, 1885-86.	Rabi, 1886-87.	Increase	Decrease.	October.		November.		December.		January.		February.		March.		Total.	
							1885.	1886.	1885.	1886.	1885.	1886.	1886.	1887.	1886.	1887.	1886.	1887.	1885-86.	1886-87.
			Acres.	Acres.	Acres.	Acres.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Shaharanpur	1,425,920	1,093,101	48,812	38,825	...	9,987	...	...	...	...	·8	...	1·6	2·3	1·0	—	·8	...	4·2	2·3
Muzaffarnagar	1,072,000	908,497	111,138	90,262	...	20,876	—	·4	...	...	·9	·1	1·3	1·9	...	...	·9	...	3·1	2·4
Meerut	1,507,840	1,334,209	179,057	144,254	...	34,803	...	·6	...	...	·6	·2	1·2	2·4	—	...	1·2	...	3·0	3·2
Bulandshahr	1,214,080	1,084,407	89,728	58,926	...	30,802	...	·4	...	..	1·9	...	1·9	2·5	—	...	·4	...	5·2	2·9
Aligarh	1,251,392	1,041,512	88,236	76,416	...	11,820	...	·4	...	...	·4	...	1·1	2·0	...	...	·9	...	2·4	2·4
Muttra	932,480	862,096	45,797	26,735	...	19,062	—	·3	...	...	·5	...	·3	·8	...	...	1·1	...	1·9	1·1
Agra	1,187,844	958,205	27,922	17,859	...	10,063	...	·2	...	...	·5	...	·3	·1	...	—	·2	—	1·0	0·3
Etah	1,112,960	894,829	48,439	45,227	...	3,212	...	—	...	—	·3	...	·5	1·7	—	...	2·7	·1	3·5	1·8
Mainpuri	1,086,080	764,575	62,499	63,400	901	...	1·0	...	...	...	·8	—	·3	·4	...	...	·3	...	2·4	0·4
Farukhabad	1,100,160	864,792	27,933	25,152	...	2,781	·3	2·9	...	...	...	...	·3	1·4	...	—	·5	...	1·1	4·3
Etawah	1,084,160	795,233	80,239	91,824	11,585	...	...	·9	...	...	1·4	·2	·3	·2	...	...	·2	·1	1·9	1·4
Cawnpore	1,514,368	1,103,465	96,293	68,585	...	27,708	·3	4·1	...	—	2·6	·4	1·9	1·0	—	...	·3	...	5·1	5·5
Delhi	805,120	525,440	150	186	36	...	...	1·8	—	...	·6	·5	1·6	1·8	·1	...	·8	...	3·1	4·1
Gurgaon	1,240,320	993,280	39,754	27,900	...	11,854	...	·7	...	...	1·4	...	·7	1·3	·1	...	·5	...	2·7	2·0
Dehra Dun	764,544	385,285	6,882	6,588	...	294	...	4·3	...	...	3·1	·9	3·0	3·0	1·8	...	2·6	·1	10·5	8·3
Bijnour	1,195,520	1,024,539	3,360	2,155	...	1,205	...	·2	...	...	1·2	...	1·5	2·4	...	...	2·4	...	5·1	2·6
Tarai	590,720	560,856	2,189	10,781	8,592	...	...	...	—	—	5·7	...	·2	1·9	...	...	...	...	5·9	1·9
Pilibhit	878,720	709,334	4,354	5,783	1,429	...	—	1·5	...	...	6·9	...	1·7	2·9	...	...	3·2	...	11·8	4·4
Bareilly	1,018,240	911,423	30,101	24,018	...	6,083	...	·4	...	...	3·0	...	·8	2·3	...	...	2·4	·1	6·2	2·8
Jhansi	1,002,752	724,553	1,102	261	...	841	·5	2·9	...	...	3·0	·5	·2	—	...	...	·5	·2	4·2	3·6
Hamirpur	1,464,704	1,230,803	1,262	421	...	841	...	3·1	...	...	4·4	1·6	...	·9	...	...	1·1	...	5·5	5·6
Jalaun	995,200	777,868	12,166	5,929	...	6,237	...	3·5	...	...	1·2	·3	...	1·0	...	...	...	...	1·2	4·8
Kumaun Bhabar	(Not known).	(Not known).	(Not reported).	56,608	56,608	...	...	...	...	...	...	—	1·7	5·0	...	...	4·7	...	6·4	5·0
	24,445,124	19,548,302	1,007,413	888,095	79,151	198,469	...	...	...	...	...	...	...	...	...	...	...	...	.	...
					Net decrease 119,318															

ALLAHABAD,
The 8th July, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W. D., I. B.

No. B21.—Rabi Statement.

IRRIGATION OPERATIONS OF FASL RABI, 1886-87.

Statement in acres of crops irrigated in Canal Districts.

Nature of crops.	Saharanpur.	Muzaffarnagar.	Meerut.	Bulandshahr.	Aligarh.	Muttra.	Agra.	Etah.	Mainpuri.	Farukhabad.	Etawah.	Cawnpore.	Delhi.	Gurgaon.	Dehra Dun.	Bijnour.	Tarai.	Pilibhit.	Bareilly.	Jhansi.	Hamirpur.	Jalaun.	Kamaun Bhabar.	Total.
Gardens and Orchards	608	519	1,114	457	582	99	77	162	73	49	71	268	...	67	408	...	...	9	40	4	...	1,012	206	5,825
Sugarcane	11	26	54	40	5	...	...	...	...	3	3	2	...	...	...	...	560	1	14	...	...	...	111	830
Cereals — Wheat	33,093	77,720	109,773	37,150	37,661	8,291	7,586	25,553	35,442	12,443	46,275	33,897	17	4,860	4,084	1,436	8,686	2,580	12,843	168	99	2,944	26,959	529,560
Cereals — Barley	1,028	1,022	3,067	2,829	7,813	2,713	1,546	5,067	5,878	9,158	2,204	24,689	...	2,761	405	42	908	...	240	...	126	221	5,164	76,881
Cereals — Oats	...	1	463	66	5	...	...	...	2	...	...	...	...	...	718	...	...	...	...	...	...	...	...	1,255
Cereals — China	...	...	...	232	842	5	13	335	182	...	3	...	...	...	...	...	...	...	...	3	...	...	6,446	8,061
Other grains	753	254	6,315	14,402	27,235	5,997	5,430	12,564	17,073	178	34,424	7,142	134	12,900	...	511	376	2,655	8,159	52	162	932	...	157,648
Pulses — Gram	305	1,479	2,517	203	580	9,216	2,439	518	473	68	1,182	226	34	7,099	23	123	68	145	778	23	20	89	331	27,939
Pulses — Peas	790	6,289	17,009	1,873	3	...	347	10	335	96	484	199	...	...	84	3	...	35	71	...	...	...	243	27,871
Pulses — Arhar		...	...	3	189	87	4	10	4	7	12	1	...	2	...	...	...	20	28	...	...	19	...	386
Pulses — Masur	226	744	642	164	11	3	...	4	...	3	...	...	...	1	171	32	30	131	449	11	...	...	1,909	4,531
Fodder crops	587	269	847	311	521	...	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,542
Fibres—cotton, &c.	16	236	567	152	39	4	...	13	...	...	...	...	...	38	...	...	...	...	...	...	...	...	...	1,065
Dyes—Indigo, &c.	...	1	31	392	...	2	...	1	...	7	...	...	...	5	...	...	...	...	...	...	...	...	...	439
Drugs—Opium, &c.	13	1	12	62	245	99	48	411	3,311	2,929	6,357	1 357	...	4	408	...	4	6	120	...	1	247	518	16,153
Oilseeds	528	100	2	...	...	...	...	17	81	...	...	...	...	...	287	6	121	160	874	...	...	1	14,434	16,611
Miscellaneous	867	1,601	1,841	590	685	219	368	556	546	211	809	804	1	163	...	2	28	41	402	...	13	464	287	10,498
Total Rabi, 1886-87	38,825	90,262	144,254	58,926	76,416	62,735	17,859	45,227	63,400	25,152	91,824	68,585	186	27,900	6,588	2,155	10,781	5,783	24,018	261	421	5,929	56,608	888,095
Total Rabi, 1885-86	48,812	111,138	179,057	89,728	88,236	45,797	27,922	48,439	62,499	27,933	80,239	96,293	150	39,754	6,882	3,360	2,189	4,354	30,101	1,102	1,262	12,166	(Not reported.	1,007,413

Allahabad,
The 8th July, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W D., I. B.

No. C21.—RABI STATEMENT.

IRRIGATION OPERATIONS OF FASL RABI, 1886-87.

Statement in acres of crops irrigated by Canals in Canal Divisions.

Nature of crops.	Upper Ganges Canal.						Lower Ganges Canal.						Eastern Jumna Canal.	Agra Canal.	Betwa Canal.	Rohilkhand Canals.	Bijnour Canals.	Dun Canals.	Tarai Canals.	Bhabar Canals.	Bundelkand Irrigation Works.		Grand Total.
	Northern.	Anupshahr.	Meerut.	Bulandshahr.	Aligarh.	Total.	Narora.	Mainpuri.	Cawnpore.	Etawah.	Bhognipur.	Total.									Jhansi Lakes.	Hamirpur Lakes.	
Gardens and Orchards	453	402	489	322	846	2,512	34	9	241	112	43	439	962	233	1,012	49	...	408	...	206	4	...	5,825
Sugarcane	16	6	11	63	...	96	...	.	3	5	...	8	40	...	...	15	...	...	560	111	...	...	830
Cereals: Wheat	39,665	32,119	56,870	33,391	57,605	219,650	13,069	11,173	29,101	58,254	23,871	235,468	94,926	19,717	2,946	16,104	1,436	4,084	8,005	26,959	166	99	529,560
Cereals: Barley	669	2,234	262	2,277	12,644	18,086	1,614	4,348	35,441	1,455	...	42,858	1,819	7,012	221	262	42	405	886	5,164	...	126	76,881
Cereals: Oats	...	...	429	101	7	537	...	...	...	...	...	...	...	...	.	...	...	718	...	...	...	...	1,255
Cereals: China	...	...	...	6	1,565	1,571	...	18	1	4	4	27	...	14	...	...	...	...	...	6,446	3	...	8,061
Other grains	173	10,556	27	8,728	43,444	62,928	674	325	6	39,161	16,802	56,968	1,012	23,893	932	11,190	511	...	...	...	52	162	157,648
Pulses: Gram	887	256	985	259	1,053	3,440	6	117	87	560	1,148	1,918	2,196	18,785	89	962	123	23	29	331	23	20	27,939
Pulses: Peas	2,985	2,483	11,996	2,573	...	20,037	...	117	219	663	116	1,115	5,936	347	...	106	3	84	...	243	...	...	27,871
Pulses: Arhar	...	2	...	...	201	203	1	...	10	...	12	23	...	93	19	48	...	...	...	...	...	...	386
Pulses: Masur	323	...	109	262	...	694	7	...	...	...	...	7	1,096	1	...	607	32	171	3	1,909	11	...	4,531
Fodder crops	38	64	379	228	632	1,341	...	...	...	...	...	...	1,201	...	...	...	...	...	...	...	...	...	2,542
Fibres—cotton, &c.	16	4	42	204	50	316	...	...	...	...	...	...	707	42	...	...	...	...	...	...	...	...	1,065
Dyes—Indigo, &c.	...	394	5	20	...	419		...	7	...	...	7	6	7	...	...	...	...	...	...	...	.	439
Drugs—Opium, &c.	1	7	11	21	382	422	435	1,186	4,576	7,370	701	14,268	12	147	247	130	...	408	...	518	...	1	16,153
Oilseeds	95	2	...	...	...	97	...	98	...	...	...	98	553	...	1	1,155	6	287	...	14,434	...	...	16,611
Miscellaneous	1,275	956	508	538	1,3 8	4,595	39	189	891	622	533	2,274	1,670	722	464	461	2	...	10	287	...	13	10,498
Total Rabi, 1886-87	46,596	49,485	72,123	48,993	119,747	336,944	5,879	17,580	70,583	108,206	43,230	255,478	112,116	71,013	5,931	31,089	2,155	6,588	9,493	56,608	259	421	888,095
Total Rabi, 1885-86	61,882	84,578	97,089	62,444	136,991	442,984	17,106	16,957	79,970	107,699	48,845	270,577	120,734	111,702	12,356	36,644	3,360	6,822	(Not reported.)		912	1,262	1,007,413

ALLAHABAD,
[illegible] July, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt. N. W. P. and Oudh, P. W. D., I. B.

No. A21.—ANNUAL STATEMENT.

IRRIGATION OPERATIONS OF THE YEAR 1886-87.

Comparative Statement of Irrigation and Rainfall for years 1885-86 and 1886-87 in Canal Districts of the North-Western Provinces.

Zilla.	Area in acres.	Culturable area in acres.	AREA IRRIGATED. Kharif, 1886-87. Total area.	Kharif, 1886-87. In comparison with Kharif, 1885-86. Increase.	Kharif, 1886-87. In comparison with Kharif, 1885-86. Decrease.	Rabi, 1886-87. Total area.	Rabi, 1886-87. In comparison with Rabi, 1885-86. Increase.	Rabi, 1886-87. In comparison with Rabi, 1885-86. Decrease.	Whole year, 1886-87. Total area.	Whole year, 1886-87. In comparison with 1885-86. Increase.	Whole year, 1886-87. In comparison with 1885-86. Decrease.	Whole year, 1886-87. Percentage of increase or decrease.	RAINFALL. 1885-86.	RAINFALL. 1886-87.	RAINFALL. Percentage of increase or decrease.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.		Inches.	Inches.	
Saharanpur	1,425,920	1,093,101	46,355	2,351	...	38,825	...	9,987	85,180	...	7,636	—8·9	38·9	38·0	—2·3
Muzaffarnagar	1,072,000	908,497	77,384	...	2,554	90,262	...	20,876	167,646	...	23,430	—13·9	32·5	29·6	—8·9
Meerut	1,507,840	1,334,209	109,669	...	8,813	144,254	...	34,803	253,923	...	43,616	—17·2	30·2	33·6	+11·2
Bulandshahr	1,214,080	1,084,407	46,263	...	26,978	58,926	...	30,802	105,189	...	57,780	—54·9	52·2	43·4	—16·8
Aligarh	1,251,392	1,041,512	32,301	...	22,654	76,416	...	11,820	108,717	...	34,474	—31·7	38·2	36·7	—3·9
Muttra	932,480	862,096	26,825	...	1,413	26,735	...	19,062	53,560	..	20,475	—38·2	30·5	26·0	—14·7
Agra	1,187,844	958,205	13,265	...	383	17,859	...	10,063	31,124	...	10,446	—33·6	31·2	29·2	—6·4
Etah	1,112,960	894,829	20,718	...	13,623	45,227	...	3,212	65,945	...	16,835	—25·5	35·0	28·1	—19·7
Mainpuri	1,086,080	764,575	18,413	...	20,775	63,400	901	...	81,813	...	19,874	—24·3	46·6	30·3	—13·5
Farukhabad	1,100,160	864,792	10,945	...	10,619	25,152	...	2,781	36,097	...	13,400	—37·1	55·4	43·1	—22·2
Etawah	1,084,160	795,233	35,134	...	23,365	91,824	11,585	...	126,958	...	11,780	—9·3	40·5	25·6	—36·8
Cawnpore	1,514,368	1,103 465	34,368	...	25,328	68,585	...	27,708	102,953	...	53,036	—51·5	46·1	34·0	—26·2
Delhi	805,120	525,440	69	...	52	186	36	...	255	...	16	—6·3	31·2	30·5	—2·2
Gurgaon	1,240,320	993,280	11,709	...	12,394	27,900	...	11,854	39,609	...	24,248	—61·2	39·4	20·3	—48·5
Dehra Dún	764,544	385,285	5,884	460	...	6,588	...	294	12,472	166	...	+1·3	113·7	86·0	—24·4
Bijnor	1,195,520	1,024,539	2,028	...	1,200	2,155	...	1,205	4,183	...	2,405	—57·5	41·6	26·8	—35·6
Tarai	590,720	560,856	27,239*	21,797	...	10,781	8,592	...	38,020	30,389	...	+79·7	68·0	50·3	—26·0
Pilibhít	878,720	709,334	6,970	1,593	...	5,783	1,429	...	12,753	3,022	...	+23·7	72·6	56·6	—22·0
Bareilly	1,018,240	911,423	35,750	3,290	...	24,018	...	6,083	59,768	...	2,793	—4·7	49·8	42·9	—13·8
Jhánsi	1,002,752	724,553	50	...	33	261	...	841	311	...	874	—281·0	37·4	34·0	—9·1
Hamirpur	1,464,704	1,230,803	300	74	...	421	...	841	721	...	767	—106·2	43·9	31·4	—28·5
Jalaun	995,200	777,868	2,677	2,677	...	5,929	...	6,237	8,606	...	3,560	—41·4	39·9	31·1	—22·0
Kumaun Bhabar	(Not known.)	(Not known.)	25,592	25,592	...	56,608	56,608	...	82,200	82,200	...	...	74·1	79·5	+7·3
TOTAL	24,445,124	19,548,302	589,908	57,834	170,184	888,095	79,151	198 469	1,478,003	115,777	347,445	—15·7	...	...	...
			NET DECREASE		. 112,350	NET DECREASE		. 119,318	NET DECREASE		. 231,668				

* Includes 22,494 acres irrigated by the Tarai Canals.

ALLAHABAD,
The 8th July, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N.-W. P. and Oudh, P. W. D., I. B.

NO. B.21.—ANNUAL STATEMENT.

IRRIGATION OPERATIONS OF THE YEAR 1886-87.

Statement in acres of crops irrigated in Canal Districts.

NATURE OF CROPS.	Saharanpur.	Muzaffarnagar.	Meerut.	Bulandshahr.	Aligarh.	Muttra.	Agra.	Etah.	Mainpuri.	Farukhabad.	Etawah.	Cawnpore.	Delhi.	Gurgaon.	Dera Dun.	Bijnor.	Tarai.	Pilibhit.	Bareilly.	Jhansi.	Hamirpur.	Jalaun.	Kumaun Bhabar.	TOTAL.
Gardens and orchards	1,517	1,102	2,095	1,105	1,097	190	214	423	152	60	135	463	...	137	726	...	...	9	72	8	...	1,024	436	10,965
Sugarcane	14,559	42,677	65,860	8,046	919	684	1,134	2,177	3,124	3,705	6,918	4,245	...	559	1,020	1,461	1,701	958	8,534	9	270	993	400	169,953
Cereals — Rice	27,394	25,007	10,046	160	827	...	1	276	198	23	143	2,987	...	...	4,442	557	26,018	5,966	26,394	12	11	3	20,767	151,232
Cereals — Bajra	2	2	31	13	39	27	7	26	13	...	6	...	...	76	...	...	...	...	...	...	...	...	...	242
Cereals — Juar	...	...	111	538	616	620	328	410	253	33	267	388	...	491	...	...	...	...	...	...	...	7	...	4,062
Cereals — Maize	134	1,299	7,639	1,162	1,416	31	68	462	747	53	118	145	...	27	...	...	...	...	...	...	...	...	628	13,929
Cereals — Wheat	33,093	77,720	109,773	37,150	37,661	8,291	7,586	25,553	35,442	12,443	46,275	33,897	17	4,860	4,084	1,436	8,686	2,580	12,843	168	99	2,944	26,959	529,560
Cereals — Barley	1,028	1,022	3,067	2,829	7,813	2,713	1,546	5,067	5,878	9,158	2,204	24,689	...	2,761	405	42	908	...	240	...	126	221	5,164	76,881
Cereals — Oats	...	1	463	66	5	...	...	...	2	...	...	...	...	...	718	...	...	...	...	...	...	...	...	1,255
Cereals — China	...	...	...	232	842	5	13	335	182	...	3	...	...	...	...	...	...	...	...	3	...	...	6,446	8,061
Other grains	1,037	500	6,522	14,672	27,360	6,083	5,485	13,044	17,746	281	35,252	7,206	134	12,930	...	512	392	2,659	8,167	53	167	2,272	2,204	164,678
Pulses (kharif)	49	400	508	27	20	86	12	7	1	...	...	...	...	65	...	...	...	...	...	...	...	137	416	1,728
Pulses (rabi) — Gram	305	1,479	2,517	203	580	9,216	2,439	518	473	68	1,182	226	34	7,099	23	123	68	145	778	23	20	89	331	27,939
Pulses (rabi) — Peas	790	6,289	17,009	1,873	3	...	347	10	335	96	484	199	...	...	84	3	...	35	71	...	...	...	243	27,871
Pulses (rabi) — Arhar	...	...	...	3	189	87	4	10	4	7	12	1	...	2	...	...	...	20	28	...	...	19	...	386
Pulses (rabi) — Masur	226	744	642	164	11	3	...	4	...	3	...	...	...	1	171	32	30	131	449	11	...	...	1,909	4,531
Fodder crops	797	1,226	4,497	1,623	555	...	1	29	...	...	4	...	...	1	...	...	...	2	...	...	...	...	222	8,957
Fibres—Cotton, &c.	433	1,935	7,044	7,121	4,103	11,217	2,156	1,859	1,573	71	141	67	11	4,909	...	2	8	...	...	10	...	...	599	43,259
Dyes—Indigo, &c.	782	2,501	11,802	24,549	22,003	13,472	8,638	12,760	10,371	5,661	24,683	23,435	55	5,014	...	...	...	...	297	...	...	94	...	166,117
Drugs—Opium, &c.	266	89	228	119	261	101	50	428	3,355	2,991	6,371	1,370	...	4	512	...	5	13	124	...	1	251	518	17,057
Oilseeds	528	100	2	...	2	...	...	26	130	...	...	...	...	...	287	6	121	160	874	...	...	1	14,434	16,671
Miscellaneous	2,240	3,553	4,067	3,534	2,395	734	1,095	2,521	1,834	1,444	2,760	3,635	4	673	...	9	83	75	897	14	27	551	524	32,669
TOTAL YEAR 1886-87	85,180	167,646	253,923	105,189	108,717	53,560	31,124	65,945	81,813	36,097	126,958	102,953	255	39,609	12,472	4,183	38,020	12,753	59,768	311	721	8,606	82,200	1,478,003
TOTAL YEAR 1885-86	92,816	191,076	297,539	162,969	143,191	74,035	41,570	82,780	101,687	49,497	138,738	155,989	271	63,857	12,306	6,588	7,631	9,731	62,561	1,185	1,488	12,166	(Not reported.)	1,709,671

ALLAHABAD,
The 8th July, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W. D., I. B.

No. C21. Annual Statement.

IRRIGATION OPERATIONS OF THE YEAR 1886-87.

Statement in acres of crops irrigated by Canals in Canal Divisions.

Nature of crops	Upper Ganges Canal.						Lower Ganges Canal.						Eastern Jumna Canal.	Agra Canal.	Betwa Canal.	Rohilkhand Canals.	Bijnor Canals.	Dun Canals.	Tarai Canals.	Bhabar Canals.	Bundelkhand Irrigation Works		Grand Total.
	Northern.	Anupshahr.	Meerut.	Bulandshahr.	Aligarh.	Total.	Narora.	Mainpuri.	Cawnpore.	Etawah.	Bhognipur.	Total.									Jhansi lakes.	Hamirpur lakes.	
Gardens and orchards,	824	751	959	886	1,765	5,185	36	14	432	186	84	752	2,249	504	1,024	81	...	726	...	436	8	...	10,965
Sugarcane	22,592	25,140	34,171	6,575	2,175	90,653	1,849	1,232	6,257	7,245	2,289	18,872	42,736	2,346	993	10,092	1,461	1,020	1,101	400	9	270	169,653
Cereals — Rice	22,099	2,644	7,081	393	1,100	33,317	23	93	149	2,591	495	3,351	30,394	...	3	36,495	557	4,442	21,883	20,767	12	11	151,232
Cereals — Bajra	3	54	...	...	56	113	...	...	...	10	9	19	...	110	...	...	...	...	...	...	...	...	242
Cereals — Juar	...	...	...	546	1,240	1,786	25	107	91	358	283	864	...	1,405	7	...	...	...	...	...	...	...	4,062
Cereals — Maize	...	330	3,117	1,260	1,902	6,609	29	322	161	472	53	1,037	5,530	125	...	...	...	...	...	628	...	...	13,929
Cereals — Wheat	39,665	32,119	56,870	33,391	57,605	219,650	13,069	11,173	29,101	58,254	23,871	135,468	94,926	19,717	2,946	16,104	1,436	4,084	8,005	26,959	166	99	529,560
Cereals — Barley	669	2,234	262	2,277	12,644	18,086	1,614	4,348	35,441	1,455	...	42,858	1,819	7,012	221	262	42	405	886	5,164	...	126	76,881
Cereals — Oats	...	...	429	101	7	537	...	...	...	...	...	...	...	...	...	...	...	718	...		...	...	1,255
Cereals — China	...	...	...	6	1,565	1,571	...	18	1	4	4	27	...	14	...	...	...	...	...	6,446	3	...	8,061
Other grains	301	10,728	89	8,843	43,977	63,938	855	615	187	40,257	16,816	58,730	1,521	24,063	2,272	11,202	512	...	16	2,204	53	167	164,678
Pulses (kharif)	243	262	52	...	13	570	...	...	...	...	...	...	442	163	137	...	...	...	...	416	...	...	1,728
Pulses (rabi.) — Gram	887	256	985	259	1,053	3,440	6	117	87	560	1,148	1,918	2,196	18,785	89	962	123	23	29	331	23	20	27,939
Pulses (rabi.) — Peas	2,985	2,483	11,996	2,573	...	20,037	...	117	219	663	116	1,115	5,636	347	...	106	3	84	...	243	..	...	27,871
Pulses (rabi.) — Archar	...	2	...	...	201	203	1	...	10	...	12	23	...	93	19	48	...	...	...	...	...	...	386
Pulses (rabi.) — Masur	323	...	109	262	...	694	7	...	...	...	...	7	1,096	1	...	607	32	171	3	1,909	11	...	4,531
Fodder crops	401	1,633	2,189	1,143	634	6,000	...	...	...	...	4	4	2,728	1	...	2	...	...	...	222	...	...	8,957
Fibres—cotton, &c.	436	1,163	2,510	7,065	7,012	18,186	219	560	68	729	180	1,756	4,482	18,216	...	...	2	...	8	599	10	...	43,259
Dyes—Indigo, &c.	697	12,031	6,370	19,487	31,232	69,817	4,969	2,176	19,612	24,388	15,521	66,666	2,654	26,589	94	297	...	...	...	...	...	...	166,117
Drugs—opium, &c.	2	31	174	99	395	701	449	1,218	4,652	7,393	701	14,413	368	151	251	142	...	512	...	518	...	1	17,057
Oilseeds	95	2	...	...	3	100	...	155	...	...	...	155	533	...	1	1,155	6	287	...	14,434	...	...	16,671
Miscellaneous	2,720	2,673	1,738	2,227	3,890	13,248	1,959	441	3,274	2,611	2,683	10,968	3,819	2,454	551	999	9	...	56	524	14	27	32,669
Total year 1886-87	94,942	94,536	129,101	87,393	168,469	574,441	25,110	22,706	99,742	147,176	64,269	359,003	203,429	122,096	8,608	78,554	4,183	12,472	31,987	82,200	309	721	1,478,003
Total year 1885-86	109,773	139,262	155,823	122,357	214,421	741,636	34,602	41,153	125,689	173,451	87,407	462,302	215,356	176,721	12,356	79,923	6,588	12,206	(Not reported).	(Not reported).	995	1,488	1,709,671

ALLAHABAD,
The 8th July, 1887.

H. W. CONDUITT,
Asst. Secy. to Govt., N. W. P. and Oudh, P. W. D., I. B.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING 4th AUGUST, 1887.

GENERAL REMARKS.—Rain was reported throughout the country; and in the Punjab the fall has been better than has been recorded for some weeks.

The prospects of the *kharif* are generally very satisfactory in all Provinces, though rain is wanted here and there, and a break would be beneficial in the Central Provinces and in one or two places in Central India and Rajputana.

In Madras the crops need rain in four districts, otherwise prospects are fair. In Mysore and Coorg the outlook is good.

In Bombay the rice crop is good, and the prospects of the early variety in Bengal, which is being harvested, are also favourable. In the latter Province the late rice is being transplanted, and transplantation is also in progress in the North-Western Provinces and Oudh, the Central Provinces, and Burma. In Assam more rain would help the cultivation of the *sáil*. In Nepal rain is also wanted for rice.

Cotton sowings have been damaged by wet weather in Bombay and Berar, and a break would be good for the crop in the Central Provinces.

Cholera shows no signs of abating in the affected districts in Bombay, and is also prevalent in several places in the North-Western Provinces and Oudh. Elsewhere the public health continues satisfactory.

Prices are rising in the districts of the Punjab. Otherwise they are generally stationary in all Provinces.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Madras—(Aug. 3rd)		
Bellary . . .	Average ·11	Standing crops generally good, but young early crops withering in parts for want of rain. Cholera decreasing in four, and cattle disease increasing in four taluks.
Kurnool . . .	Average last week since revised, ·71; this week, ·25.	Standing crops good. Small-pox in three, and cattle-disease increasing in five taluks. Slight cholera.
Ganjam . . .	Average last week since revised, 1·79; this week, 1·04.	Small-pox in four, fever in seven, and cattle-disease decreasing in four divisions. Slight cholera.
Kistna . . .	Average last week since revised, ·67; this week, ·56.	More rain wanted. Agricultural operations progressing. River 7 feet over Anicut. Slight fever. Cholera increasing in two, and cattle-disease decreasing in five taluks.
Chingleput (Madras) .	Average ·85	More rain wanted in three taluks. Standing crops fair. Harvest wet and dry crops, outturn below average. Small-pox in one, and cattle-disease increasing in five taluks.
Coimbatore . . .	Average ·21	More rain wanted in parts. Standing crops generally good, but *cholum* affected by insects in one taluk. Harvest *cholum* and *cumbu*, outturn about average. Fever in one, and slight small-pox in two taluks. Slight cattle-disease in one taluk.
Tanjore . . .	Average ·10	Standing crops are generally good. Harvest gingelly, outturn below average. Cattle-disease in two taluks.
Madura . . .	Average last week since revised, ·08; this week ·23.	Cattle-disease increasing in one division.
Malabar . . .	Average 4·37	First crop paddy cultivation good. Slight small-pox in six taluks, and cattle-disease in one.
Travancore . .	1·01	Paddy ripening. Small-pox and fever in places. *General Remarks.*—General prospects fair.
Bombay—(Aug. 3rd)		
Karachi . . .		Weather cool. Rain still threatening. River at Kotri on 1st, 17 feet 4 inches against 19 feet 7 inches on same date last year. Heavy rain at Sakro has injured *kharif* crops. Fever in three and cattle-disease in one taluka. Wheat, red rice and *bajri* in Karachi 22, 30 and 32 and in Sehwan 28, 38 and 40 pounds per rupee, respectively.
Hyderabad . . .	Rain in one taluka on 26th July.	*Kharif* cultivation in progress. Fever in one taluka. River at Kotri on 1st, 17 feet 4 inches against 19 feet 7 inches on same date last year. Wheat 24, *jowari* 40, *bajri* 36, white rice 18, and red rice 29 pounds per rupee.
Ahmedabad . . .	2·42; total 19·57	Rain in all talukas. Overmoisture has retarded the sowings of cotton in Dhandhuka, and slightly injured young crops in Gogo, Daskroi, and Dholka talukas. Break in weather desirable. Public health good. Wheat 28 and *bajri* 30 pounds per rupee.
Baroda . . .	4·25; total 36·80	Cholera still continues in city, 11 deaths. Sowing operations going on in Naosari division. Sowing of *jowari*, *bajri*, and cotton stopped on account of excessive rain. Young plants thriving. *Bajri* 24, wheat 18, and rice 18 pounds per rupee.
Surat . . .	Rain in all talukas—maximum in Bulsar, 29·05 and minimum in Olpad, 4·33.	Break much needed. *Jowari* and cotton seed rotten in places. Sowing and resowing retarded. Transplantation completed. Cattle healthy. Cholera abating in Bulsar and Pardi. *Jowari* 34 and *nagli* 43 pounds per rupee.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Bombay—*contd.*		
Nasik . . .	Igatpuri, 18·10; Peint, 15·98; Dindori, 4·03; Chandor, 2·74; Nasik, 2·69; Kalwan, 2·29; Niphad, 2·03; Sinnar, 1·53; Yeola, ·82; Nandgaon, ·78; Baglan, ·67; and Malegaon, ·47.	Transplanting and sowings in progress. Standing crops healthy. Sowing operations retarded in Igatpuri and other parts in consequence of heavy rain. Break in weather desirable. Cholera in Niphad, Yeola, Nasik, Nandgaon, Malegaon, and Baglan talukas, total attacks 122 and deaths 55. Slight dysentery in Sinnar. Cattle-disease in Dindori, small-pox in Yeola, and fever and ague in Peint.
Colaba (Bombay) . .	Rain every day, except on 30th; total of week, 1·89; total to date, 56·09, being 9·11 above average.	Abnormal temperature 1° cool on 29th, 1° warm on 31st, 2° cool on 2nd, and *nil* on all other days. Vapour in air normal. Wind normal.
Poona	Rain throughout district—maximum 5·08 in Petha Mulshi and minimum ·09 in Bhimthari taluka.	More rain wanted in Indapur and Sirur talukas. Sowing of *kharif* in progress. Transplantation continues in Petha Mulshi. Crops little damaged in Khed taluka by excessive moisture. General health good. Small-pox in Haveli taluka. 207 cholera cases in Indapur, Khed, Purandhar, Bhimthari, and Haveli talukas, 90 fatal; in Poona city 64 attacks, 26 deaths. *Bajri* 41 and *jowari* 53 pounds in the district, and *bajri* 37 and *jowari* 44 pounds per rupee in Poona city.
Ahmednagar . .	Sangamner, ·85; Akola, ·79; very slight elsewhere.	*Kharif* sowing in progress, where there has been sufficient rain. Cholera attacks 428, deaths 229. *Bajri* 36 and *jowari* 51 pounds per rupee.
Sholapur . . .	Sholapur, ·16; Barsi, ·44; Madha, 33; Karmala, ·42; and Pandharpur, ·59.	Sowing of *kharif* crops almost completed. More rain wanted. Cholera more or less in all talukas, except Pandharpur, cases 342, fatal 177. Cattle-disease in Sholapur and Pandharpur talukas. *Jowari* 58¼ and *bajri* 51⅓ pounds per rupee.
Dharwar . . .	Hangal, 1·30; Mugud, ·71; Kalghatgi and Bankapur, ·58; Kod and Hubli, ·29; and Dharwar and Ron, ·20; none in other talukas.	Rice and minor crops good in western talukas. Heavy rain urgently required in eastern talukas, both for sowing *jowari* crops and those already sown. Slight cattle-disease in one village in Dharwar taluka. Public health good. *Jowari* 54 and rice 24 pounds per rupee.
Kanara . . .	Karwar, 3·38; total 91·91; Kumpta, 3·21; and Sirsi, 3·82.	Crops doing well. Cattle-disease subsiding. Slight fever in Sirsi and Sidapur. Common rice in Karwar 10 seers, district average 12 seers per rupee.
Rajkot . . .	4·13; total 22·02	Weather windy and cloudy. Break in rain much needed. Public health generally good. Wheat 24, *bajri* 24, and *jowari* 30 pounds per rupee.
		General Remarks.—More or less rain throughout the Presidency, more still wanted in parts of five districts. *Kharif* sowing and transplanting not yet finished in some districts. Young crops slightly injured by excessive moisture in parts of Guzerat, Khandesh, Poona, and Karachi. In Sind the river continues rising. Fever and small-pox in parts of eight, cattle-disease in parts of eleven, and cholera in parts of fourteen districts.
Bengal—(Aug. 3rd)		
Chittagong (Aug. 2nd)	10·72	Weather seasonable. *Aman* transplanted. Prices steady. General health good, notwithstanding a few sporadic cases of cholera.
Dacca	2·93	Jute and early rice being harvested. Prospects of *aman* good. Some early rice lost by rapid rise of rivers. Public health good.
24-Pergunnahs (Calcutta).	2·70	Prospects favourable. All agricultural operations in progress. Public health generally good.
Khoolna . . .	3·83	Weather cloudy, with rain. *Aus* paddy ripening. Transplanting of *aman* going on. Prospects fair. Public health good.
Moorshedabad . .	2·19	Weather very hot, rain at intervals. Transplanting of *aman* proceeding. *Til*, sugarcane, and jute progressing. Public health good.
Pubna	1·29	More rain wanted. Prospects of crops and general health good.
Dinagepore . . .	2·72	Both *bhadoi* and *haimanti* paddy suffering from want of rain; present rainfall beneficial as far as it goes, but scanty.
Rungpore . . .	2·39	Planting of *aman* going on. Prospects of crops fine. Prices rising. Public health good.
Midnapore . . .	1·57	Heavy downpour since 31st July. Rivers swollen. Prospects of crops excellent.
Burdwan . . .	2·18	Prospects of crops fair. Some cholera, but public health generally good.
Bhagalpur . . .	4·88	Transplantation going on. *Marua* and early rice in good condition. *Makai* can scarcely be more than a half crop. Cholera still about.
Purneah . . .	2·02	Rain has done much good, and cause for present anxiety is removed. Transplantation of *aghani* rice going on. Public health fair. Rivers low.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Bengal—*contd.*		
Durbhanga . . .	2·01	Prospects of *bhadoi* continue favourable. More rain wanted for transplantation of paddy. Indigo manufacture in progress. Public health generally good.
Chumparun . . .	1·57	Weather hot and cloudy, with occasional showers. *Bhadoi* crops look healthy. Rain much wanted for rice crop. Prices stationary. Deaths from cholera again increasing.
Patna	2·76	*Bhadoi* crops growing well. Rain will facilitate paddy transplantation. Cholera reported from the interior.
Gya	1·94	Paddy transplantation going on. *Bhadoi* getting on well. Heavy shower of rain wanted. Cholera almost everywhere. Fever also reported.
Hazareebagh . .	Incessant rain	All crops doing well, and agricultural prospects very favourable. Cholera and fever reported from several *thanas*.
Cuttack . . .	·97	*Beali* rice in ear. *Sarad* rice doing well. Price of rice unchanged. Sporadic cholera prevails almost everywhere.
		General Remarks.—Weather has been of ordinary monsoon character throughout the week, and good general rain is reported in all districts. More rain is wanted in some of the Central Bengal districts and in North Behar. Transplanting of late rice seedlings is now generally going on well. Prospects of early rice, jute, and *bhadoi* crops are favourable. In some districts harvesting of early rice and jute has begun. Cholera prevalent in the Patna division and Cuttack, and fever in Beerbhoom. Elsewhere general health good.
N.-W. Provinces and Oudh—(Aug. 3rd)		
Benares (Aug. 2nd)	Averaging 2·00	More rain wanted. Prospects improved. Supplies ample. Prices falling slightly. Cholera has decreased since rain fell, otherwise health good. Cattle-disease abating.
Ballia („ 1st)	Slight rain	Weather cloudy. *Kharif* prospects fair. Sugarcane doing well. Transplantation of rice begun. Market well supplied. Prices rising. Cholera prevailing.
Gorakhpore („ „)	2·20 at Sadr	More rain needed. Prices rising. Cholera continues.
Fyzabad („ 2nd)	Averaging about 2·10	Prospects fair. Supplies sufficient. Cholera in city and three tahsils, and small-pox in one.
Lucknow („ 1st)	Rain still insufficient	Weeding in progress. *Bajri* and *mash* being sown in places. Prices almost stationary. Cholera still prevailing in the district.
Rai Barelli („ „)	From ·70 to 2·30	Markets full. Prices stationary. Cholera continues.
Partabgarh („ 2nd)	Heavy rain	Sky cloudy. Prices steady. Health of men and cattle fair.
Allahabad („ „)	Averaging 2·80	*Bajri*, *jowari* and rice sowings in progress. Supplies sufficient. Prices stationary. Cholera continues.
Cawnpore („ „)	General rain from 1·80 to 5·80.	*Kharif* flourishing. Prices stationary. Cholera prevailing.
Farakhabad („ „)	Abundant rain	Prospects good. Supplies ample, but prices are rising. Cholera in three tahsils.
Sitapur („ „)	Good rain at all tahsils, but Biswan, where it is much wanted.	Prices steady. Cholera on the increase.
Bareilly („ „)	Fair amount of rain	Crops progressing. Rice still behind hand. Market steady. Health good.
Banda („ 1st)	Good rain	*Kharif* sowings have germinated well. Weeding in progress. Prices stationary. Cholera continues slightly. Cattle-disease in one pergunnah.
Kumaon („ 2nd)	Rainfall good	Crops flourishing. Prices stationary. Cholera in Ranikhet and Almora, but has ceased for the last three days in the latter place.
Agra („ 1st)	Heavy rain during week.	Crops making progress. Prices rising slightly. Cholera continues.
Jhansi („ „)	Varying from 7·60 to 14·20.	Rain has interfered with weeding on black soil. *Kharif* crops germinating well. Prices unchanged. Cholera decreasing.
Meerut („ 2nd)	Good general rain from ·80 to 2·30.	*Kharif* crops flourishing. Prices stationary. Health good.
		General Remarks.—Rainfall in all districts, but more is wanted in Benares, Gorakhpur, Lucknow, Sitapur, and Moradabad. Crops are flourishing; supplies are ample and prices remain steady. There is still cholera in several districts, but the general health of the population is good.
Punjab—(Aug. 3rd)		
Hissar (Aug. 2nd) .	Good rain	Prices stationary. *Kharif* sowings in progress.
Delhi . . .	·30	Health good. Two sporadic cases of cholera. Prices fluctuating. *Kharif* sowings completed.
Umballa . . .	1·30	Health fair. Prices rising. *Kharif* sowings completed.
Jullundur . . .	3·80	Health good. Prices stationary. *Kharif* sowings in progress.
Ferozepore . . .	·80	A few cases of cholera, otherwise health good. Prices falling.
Amritsar . . .	1·0	Health good. Prices rising. *Kharif* crops good.
Sialkot . . .	3·80	Health good. Prices stationary. *Kharif* crops expected to be above average.
Lahore . . .	2·90	Cholera in district. Prices stationary.
Multan . . .	Slight rain	Health good. Prices stationary. *Kharif* crops improving.
Rawalpindi . . .	·20	Health good. Prices stationary. *Kharif* prospects good.
Shahpur . . .	1·0	More rain wanted. Health good. Prices stationary.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Punjab—*contd.*		
Dera Ismail Khan	. . . .	Health good. Prices steady. *Kharif* ploughings in progress.
Peshawar	·90	Rain much wanted. Cholera prevalent. Prices almost stationary.
		General Remarks.—Rain has fallen in all districts, except Dera Ismail Khan; more wanted in Shahpur and Peshawar. Health good, except in Umballa, where it is fair; cases of cholera in Delhi, Ferozepore, Lahore, and Peshawar. Prices stationary in Hissar, Jullundur, Sialkot, Lahore, Multan, Rawalpindi, and Shahpur; steady in Dera Ismail Khan; fluctuating in Delhi; rising in Umballa and Amritsar; falling in Ferozepore; and almost stationary in Peshawar. *Kharif* sowings in progress in Hissar and Jullundur; completed in Delhi and Amballa; ploughings in progress in Dera Ismail Khan; and prospects good in Rawal Pindi. Crops good in Amritsar, and expected to be above average in Sialkot. Fodder scarce in Shahpur.
Central Provinces—(Aug. 3rd)		
Nagpur	1·99	Weather rainy; break wanted. *Jowari* and cotton being damaged. Slight cholera. Prices stationary.
Jubbulpore	. . . .	No report received.
Saugor	6·89	Weather rainy. Ploughing continues. Cholera slightly prevalent. Prices unchanged.
Seoni	4·32	Weather rainy. Transplanting of rice commenced. Weeding in progress. Prospects good. Slight cholera. Prices steady.
Hoshangabad	5·60	Weeding in progress. Fever prevalent. Cholera in parts. Prices stationary.
Khandwa	·60	Weather cloudy and showery. Prospects good, except cotton and *til* suffering from too much moisture. Cholera 32 cases, deaths 12. Prices unchanged.
Bilaspur	2·32	Weather wet. Ploughing continues. Cotton and sugarcane doing well. Wheat and gram being exported to Sambalpur. Prospects good. Prices slightly fallen.
Raipur	4·04	Weather cool and cloudy. Second ploughing progressing. Weeding commenced. Small-pox and cattle-disease in Simga tahsil. Prices steady.
Sambalpur	. . . .	No report received.
		General Remarks.—A break in the rains is wanted for all crops, except rice. Prospects, however, continue favourable.
Burma—(Aug. 3rd)		
Akyab (July 30th)	7·69 (Total rainfall to date 81·52).	Slight cholera in district. Sowing progressing.
Bassein	2·08 (Total rainfall to date 52·65).	Slight cattle-disease. Ploughing far advanced. Transplanting progressing.
Rangoon	5·56 (Total rainfall to date 67·21).	
Amherst (Moulmein)	12·89 (Total rainfall to date 112·89).	One death from cholera in jail. Ploughing and transplanting progressing.
Tavoy	8·08 (Total rainfall to date 103·17).	Ploughing and sowing completed. Crops healthy.
Pegu	7·00 (Total rainfall to date 80·53).	
Henzada	6·78 (Total rainfall to date 43·38).	
Prome	1·03 (Total rainfall to date 19·73).	Slight cattle-disease.
Toungoo	4·82 (Total rainfall to date 38·99).	Ploughing not completed. Sowing progressing.
Thayetmayo	1·92 (Total rainfall to date 14·49).	Ploughing continues.
Yamethen	1·25 (Corrected total rainfall to date 12·76).	Food-grains insufficient. Ploughing begun. Price of paddy Rs. 170.
Myingyan	·59 (Total rainfall to date 11·31).	Food-supply sufficient. Price of paddy Rs. 125.
Minbu	·37 (Total rainfall to date 10·15).	Pice of paddy Rs. 110.
		General Remarks.—Health of Lower Burma good. Slight cattle-disease here and there. Agricultural operations proceeding. Prospects satisfactory. Reports from five Upper Burma districts. Public health good. Price of rice high.

Presidency or Province and District.	Rainfall for week, under report.	State of agricultural prospects.
Assam—(Aug. 3rd)		
Gauhati (Aug. 2nd)	2·63	Weather hot. Rain much wanted. *Sáil* cultivation retarded in parts for want of sufficient rain. Public health fair. Malarial fever still continues in Barpetta. Reaping of *aus* crop almost finished.
Sylhet	11·97	State and prospects of the crops good.
Cachar	3·57	Weather last two days rainy. Transplanting of *sáil* crops commenced. Reaping of *dumai* and *murali* crops continues. Common rice 16 seers per rupee. Health good. Weather too dry for tea.
Dibrugarh	4·13	Weather seasonable. Reaping of *ahu* and transplanting of *sáil* progressing. Prospect of tea and sugarcane good. Public health fair. More rain wanted for *sáil*.
Mysore and Coorg—(Aug. 3rd)		
Bangalore	Slight rain in parts	Rain wanted in Mysore, Tumkur, and Kolar districts. Standing crops in good condition. Public health generally good. Cattle-disease prevalent in parts. Prospects of season continue favourable. Prices stationary.
Mysore		
Mercara	3·76	Standing crops in good condition. Health good.
Berar and Hyderabad—(Aug. 3rd)		
Amraoti	1·95	*Jowari* sowings completed. Cotton plants damaged by continuous rain. Weeding continues. Cholera still prevalent. Prices—wheat 15 and *jowari* 25 seers per rupee.
Akola	3·27	Weather warm and cloudy. *Jowari* sowings delayed, but completed in places. Cotton promising well. Isolated cases of cholera in three taluks. Fever prevalent.
Hyderabad	. . . .	No report received.
Central India States—(Aug. 3rd)		
Indore	1·18	Cloudy and wet weather injuring *kharif* crops.
Gwalior	6·48	Cholera in Lashkar increasing. Prospects of crops good.
Neemuch	2·38	Health good. Weather cool.
Goona	7·88	A few cases of small-pox in Bajrangarh district, otherwise health good.
Sutna	3·25	
Agar	6·36	Health and prospects good.
Sehore	8·21	Continuous rain; break wanted. Health good. Crops fair.
Nowgong	9·95	Cholera in Sarila and Alipura.
Bhopawar	2·18	Crops in Manpur damaged by excessive rain. Health good. Prices stationary.
Rajputana—(Aug. 3rd)		
Abu (Aug. 3rd)	18·81	Heavy rain; break needed. Weather overcast, but seasonable.
Sirohi (July 31st)	1·35	Tanks nearly full. Wells good. Health good. Crops being sown. Weather overcast.
Marwar („ 30th)	1·12	Two months' water brought into Jodhpore city tanks by week's rain. Health good in city, and improving in district. Crops thriving. Weather cloudy. Prices stationary.
Meywar („ „)	1·21	Water in tanks and wells increasing. Crops fair. Health fair. Prices stationary. Weather seasonable.
Pertabgurh („ „)	4·67	Health good. Prices steady. Weather occasionally cloudy.
Harowti („ „)	Deoli, 4·13; Tonk, 3·78	Weather misty. Health good. Prospects good. Prices risen.
Jhallawar („ 31st)	5·28	Health good. Prospects good.
Ajmere (Aug. 2nd)	1·35; rain throughout district.	Weather cloudy. Weeding continues. Cholera still in district, of 23 fresh cases in city, 11 fatal. Cattle-disease in Todgarh abating. Prices stationary.
Jeypore („ „)	Continuous rain	Cultivation retarded. Some cholera.
Kerowlee	. . . .	No report received.
Dholepore (July 30th)	5·75	Tanks and wells full. Weeding continuing. Prospects good. Health good. Prices stationary. Weather seasonable.
Bhurtpore (Aug. 2nd)	5·80	Crops good. Health good.
Ulwar („ „)	Average 3·50	Prospects good. Cholera increasing in city. Prices steady.
Kotah (July 30th)	4·74	Health good. Weather cloudy, with frequent rain; break wanted.
Kherwara („ 31st)	2·43	Tanks and wells slightly rising. Rain insufficient for general rice sowings. Health good. Prices still unchanged. Weather seasonable.
Bikanir („ 30th)	Drops; more in districts.	Sowings continue. Health good. Prices stationary. Weather cloudy.
Nepal—(July 29th)		
Katmandu (July 28th)	3·46	Heavy showers and sultry weather. More rain needed for the rice.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT

Weather Review of India for the week ending the 3rd August, 1887.

The pressure distribution and wind circulation during the past week have both been abnormal over a large part of India, but more particularly in the East. Over Bengal there has been a steady deficiency of pressure, which has been accompanied by a very unsteady and intermittent wind current from the Bay, and a strong current across the Peninsula from the Arabian Sea. The Bombay monsoon has, on the contrary, been exceptionally strong and steady, and has extended to almost all parts of the country.

On July 28th an exceptionally strong westerly wind, varying from 9 to 23 miles an hour, was blowing from the Arabian Sea across the West Coast of India, and thence passing on—in the South right across the Peninsula, and in the North into Rajputana and the Central parts of the country. Though very humid and carrying with it much cloud, it gave but little rain generally. Mount Abu, lying in the direct line of the wind, received 3 inches, and Jhansi, owing to some local peculiarity in the pressure distribution, 2½ inches; but elsewhere the amounts were much smaller. On the following day there was little or no change in the West; but over the Central parts of the country the monsoon current, instead of continuing its course westward, poured into a large shallow depression, which had advanced to that position from Bengal, and ascensional movement being thereby developed, very heavy rainfall occurred. Jubbulpore received 13 inches, Nowgong 6 inches, and Saugor 5 inches of rain; while several stations had between 1 and 3 inches. On the 30th the chart still showed traces of the shallow depression, and the rainfall, though less heavy than on the preceding day, was yet considerable all over the Central parts of the country. In the West Coast districts strong westerly winds and moderate or light rain continued. By the 31st the disturbance had entirely disappeared, the monsoon current had resumed its horizontal movement, and the only rainfalls of any importance were at Mount Abu and Goona. On the 1st of August very little rain fell either over the West Coast districts or over the Central Provinces, the monsoon current apparently passing on into the Gangetic Valley, where moderate precipitation occurred. The 2nd saw the establishment of almost normal pressure and wind conditions over India. Moderate rain was falling all over the West Coast districts and the Central parts of the country, with a large local fall at Morar. On the 3rd similar conditions prevailed; but the heaviest rainfall was reported from Mount Abu and Jeypore.

The monsoon current from the Bay of Bengal has been, except at quite the close of the week, very unsteady, and at times apparently entirely suspended. On the 28th a fairly strong monsoon current was blowing over the head of the Bay and across the Bengal Coasts. At False Point and Saugor Island the direction of the wind was south-westerly; but in East Bengal it was south-easterly, and in Central and North Bengal easterly. The current only extended as far as Behar, to the west of which Province the wind was westerly. The only place at which any heavy rain was recorded was Saugor Island, where 4 inches were measured. On the 29th both the extent and the velocity of the monsoon crossing the Bengal Coasts had increased, while the current had extended north-westward as far as Oudh. At the same time the amount of rainfall had considerably increased, more particularly so in North Bengal and Behar. These conditions did not however last long. On the 30th the wind had veered to south-west over the greater part of Bengal, the velocity had decreased, and the amount of rain had fallen off very quickly and largely. In North Bengal one or two stations reported amounts of about 1 inch, but in other parts of the Province the falls were generally under ½ inch. On the 31st the veering of the wind had increased, and westerly winds prevailed at almost all stations. With this change the amount of rainfall still further decreased. On the 1st August a small depression formed between Calcutta and Burdwan. This disturbance occasioned some rainfall in its immediate vicinity; but it prevented the ingress of the monsoon current from the Bay, and the principal rainfall over Bengal was in Chutia Nagpur and Behar, and was largely due to moisture brought from the Arabian Sea by the Bombay current. On the 2nd the chart showed that the small depression had travelled north-westward to the neighbourhood of Benares.

This movement, combined with other changes, had occasioned the formation of a trough of low pressure along the Gangetic plain, and the establishment of almost normal conditions over India. In consequence, during this and the following day a strong steady monsoon current entered Bengal from the Bay, backed from south to south-east and east in North Bengal, and passed up the northern side of the Gangetic plain as far as the Punjab. With this change moderate but general rainfall occurred all over Bengal, the North-Western Provinces, &c.

In Upper India very little rain fell on the 28th; but on the 29th the North-Western Provinces and the east of the Punjab received moderate falls. On the 30th Rawalpindi received nearly 4 inches; but elsewhere the rainfall of Upper India was slight and scattered. On the 31st there was no change, except that there was no rain at Rawalpindi. On the 1st rain fell all over the north of the Punjab as far as Murree; and on the 2nd 5 inches of rain were reported from Mussoorie and 4 from Sialkot. On the 3rd, for the second time this season, rain extended to Peshawar, but only as a slight shower.

The following table shows the rainfall up to date:

Stations.	Total Rainfall since June 1st, 1887.	Average Rainfall, June 1st to August 3rd.	Difference.
Akyab ...	71·56	101·03	—28·07
Saugor Island ...	30·51	28·55	+ 1·96
Calcutta ...	27·05	26·51	+ 0·54
Dhubri ...	29·47	40·44	—10·97
Purneah ...	24·25	28·55	— 4·30
Gya ...	17·14	19·58	— 2·44
Allahabad ...	14·16	18·38	— 4·22
Meerut ...	10·21	11·92	— 1·71
Delhi ...	17·10	11·80	+ 5·30
Lahore ...	5·80	7·29	— 1·49
Peshawar ...	0·86	2·34	— 1·48
Cochin ...	49·34	58·91	— 9·57
Ratnagiri ...	71·11	67·64	+ 3·47
Bombay ...	56·16	45·80	+10·36
Poona ...	15·12	15·53	— 0·41
Surat ...	31·84	22·70	+ 9·14
Khandwa ...	19·87	16·70	+ 3·17
Nagpur ...	29·94	22·34	+ 7·60

The variations are generally the same as those shown last week. Saugor Island, Calcutta, the Konkan Coasts, and the Central parts of the country have all had more than their average amounts, while elsewhere there is a greater or less deficiency. In most places this deficiency is not large, but at Dhubri it amounts to 25 per cent. of the total.

There have been no storms of any importance during the week.

The concluding table gives the total rainfall of the past week for the different Provinces:

Divisions.	No. of Stations.	Total Rainfall.
Burmah ...	6	37·02
Bengal and Assam ...	16	75·78
North-Western Provinces and Oudh ...	9	34·33
Punjab ...	8	23·38
Hill Stations ...	5	16·00
Ceylon ...	1	0·29
Malabar Coast ...	5	9·51
Bombay ...	9	12·11
Berars and Central Provinces ...	10	61·87
Guzerat and Central India ...	6	18·83
Sind—Rajputana ...	4	31·21
Madras ...	10	2·47

W. L. DALLAS,
for *Meteorological Reporter to the Government of India.*

SIMLA, *5th August, 1887.*

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

No. XIII OF 1887-88.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used, as far as possible.

Latest Return received.	Railways.	Total mean length open.	Receipts for week ending 3rd July, 1886. Total.	Receipts for week ending 3rd July, 1886. Per mile open.	Total mean length open.	Receipts for week ending 2nd July, 1887. Total.	Receipts for week ending 2nd July, 1887. Per mile open.	Total Receipts from 1st April, 1886, to 3rd July, 1886. Total.	Total Receipts from 1st April, 1886, to 3rd July, 1886. Per mile open per week.	Total Receipts from 1st April, 1887, to 2nd July, 1887. Total.	Total Receipts from 1st April, 1887, to 2nd July, 1887. Per mile open per week.	Total increase in 1887-88.	Total decrease in 1887-88.
	Lines worked by Guaranteed Companies.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
16th July, 1887	Oudh and Rohilkhand	680	1,03,026	151	686	1,04,806	153	20,40,719	223	19,20,690	211	...	1,20,029
Ditto	Madras	861	1,48,598	172	831	1,50,772	181	20,58,891	178	21,19,691	192	60,800	...
Ditto	South Indian	654	1,34,622	207	654	1,27,805	195	13,70,044	156	13,67,871	157	...	2,773
Ditto	Great Indian Peninsula	1,497	5,14,693	344	1,496	6,22,935	416	1,24,25,124	618	1,38,93,341	699	14,68,217	...
Ditto	Bombay, Baroda and Central India	461	2,18,254	473	461	1,78,000	386	45,94,020	742	42,46,712	693	...	3,47,308
	TOTAL	4,153	11,19,193	269	4,128	11,84,318	287	2,24,89,398	493	2,35,48,305	429	10,58,907	...
	State Lines worked by Guaranteed Companies.												
23rd July, 1887	East Indian	1,515	7,98,480	527	1,519	7,86,500	517	1,31,08,668	644	1,26,85,025	628	...	4,23,643
Ditto	Patna-Gya	57	7,132	125	57	7,804	138	1,29,819	179	1,22,538	162	...	7,281
Ditto	Dildarnagar-Ghazipur	12	849	71	12	784	65	17,584	109	14,553	91	...	3,031
Ditto	Sindia	75	6,135	82	75	7,877	105	98,925	98	1,16,795	117	17,870	...
16th July, 1887	Rajputana-Malwa (a)	1,664	2,92,735	176	1,664	3,27,000	196	53,98,617	242	48,88,201	221	...	5,10,416
Ditto	Southern Mahratta	315	30,671	97	674	69,824	104	4,67,816	111	8,63,769	103	3,95,953	...
23rd July, 1887	Indian Midland	42	569	14	42	2,790	66	26,794	47	53,369	96	26,575	...
16th July, 1887	Lucknow-Sitapur-Sihramau	...	...	...	85	4,075	48	...	...	56,492	52	56,492	...
	TOTAL	3,680	11,36,571	309	4,128	12,06,744	292	1,92,48,223	390	1,88,00,742	347	...	4,47,481
	State Lines worked by Government.												
16th July, 1887	Eastern Bengal (b)	606	1,44,080	238	645	1,37,736	213	18,84,821	232	18,08,295	211	...	76,526
Ditto	Nalhati	27	1,536	57	27	1,888	70	24,882	69	25,109	70	227	...
Ditto	Tirhoot	246	29,698	121	249	31,904	128	4,60,120	139	4,81,838	145	21,718	...
Ditto	Wardha Coal	45	7,900	176	45	12,489	277	2,02,403	335	2,19,792	367	17,389	...
Ditto	Bengal-Nagpur (late Nagpur-Chhattisgarh)	149	18,441	124	149	12,165	82	5,07,792	254	4,94,111	249	...	13,681
9th July, 1887	Burma	327	39,553	121	327	48,466	148	6,27,105	143	8,15,041	187	1,87,936	...
16th July, 1887	Cherra-Companyganj	...	...	...	7	36	5	...	..	620	7	620	...
Ditto	North-Western (c)	1,869	4,72,689	253	2,083	4,36,325	209	69,26,598	276	58,44,518	211	...	10,82,080
Ditto	Bareilly-Pilibheet	36	2,713	75	36	1,593	44	30,683	63	26,309	55	...	4,374
2nd July, 1887	Jorhat	26	576	22	26	942	36	8,730	25	12,341	36	3,611	...
23rd July, 1887	Bilaspur-Etawa (Kutni-Umaria Section)	...	...	...	38	979	26	...	...	19,452	39	19,453	...
	TOTAL	3,331	7,17,206	215	3,632	6,84,523	188	1,06,73,134	239	97,47,426	202	...	9,25,708
GRAND TOTAL (GUARANTEED AND STATE)		11,164	29,72,970	266	11,888	30,75,585	259	5,24,10,755	349	5,20,96,473	331	...	3,14,282
GROSS ESTIMATED EXPENSES		...	...	...	...	...	...	2,35,74,636	157	(d) 2,34,23,826	149	...	...
NET RECEIPTS		...	...	...	...	...	...	2,88,36,119	192	2,86,72,647	182	...	1,63,472
	Assisted Companies.												
16th July, 1887	Bengal Central	125	18,311	146	125	12,499	100	1,79,196	107	1,67,319	101	...	11,877
Ditto	Rohilkhand-Kumaon	67	6,474	97	67	7,213	108	97,956	109	99,272	111	1,316	...
9th July, 1887	Dibru-Sadiya (late Assam)	78	5,529	71	78	8,823	113	89,874	86	1,13,594	110	23,720	...
16th July, 1887	Bengal and North-Western	303	48,016	158	376	44,534	118	6,07,937	149	6,52,500	131	44,563	...
23rd July, 1887	Tarakessur	22	3,888	177	22	5,360	244	74,824	253	76,190	261	1,366	...
	TOTAL	595	82,218	138	668	78,429	117	10,49,787	131	11,09,075	125	59,288	...
	Native States.												
16th July, 1887	Bhavnagar-Gondal	193	13,248	69	193	13,602	70	3,54,331	137	3,60,603	141	6,272	...
Ditto	Jodhpore	64	4,043	63	124	8,100	65	54,956	64	99,870	61	44,914	...
Ditto	Nizam's	208	25,981	125	208	32,619	157	3,31,723	119	4,40,161	158	1,08,438	...
Ditto	Mysore	140	11,290	81	140	9,569	68	1,15,072	61	1,29,608	70	14,536	...
Ditto	Rajpura-Patiala	16	968	60	16	1,051	66	18,213	85	14,796	70	...	3,417
Ditto	Morvi	24	296	12	68	2,145	32	16,866	52	50,832	80	33,966	...
	TOTAL	645	55,826	87	749	67,086	90	8,91,161	103	10,95,890	110	2,04,729	...

(a) Includes the Cawnpore-Achnera State Railway.
(b) Includes the Northern Bengal, Dacca, Kaunia-Dharlla, and Assam-Behar Railways.
(c) Includes the Amritsar-Pathankot State Railway.
(d) Calculated on percentage used for the corresponding period of 1886.

SIMLA,
The 4th August, 1887.

JAMES RAMSAY,
Offg. Under-Secretary.

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SUPPLEMENT TO

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No. 33.} CALCUTTA, SATURDAY, AUGUST 13, 1887.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in* PART VI *of the* GAZETTE.

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GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

SUPPLEMENT TO THE STATEMENTS OF PRICES CURRENT (RETAIL) OF FOOD-GRAINS FOR THE 2nd HALF OF JUNE 1887 PUBLISHED IN PAGES 970, 971, 972, 973, 974 AND 975 OF THE SUPPLEMENT TO THE "GAZETTE OF INDIA," DATED 23rd JULY 1887.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
		Quantities per Rupee in seers of 80 tolas.													Average Wages per Month.		
Provinces.	Districts.	Wheat.	Barley.	Rice, best sort.	Rice, common.	Jowar or Cholum (*Sorghum vulgare*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Marua or Ragi (*Eleusine Coracana*).	Kangni or Kakun, Italian millet (*Setaria italica*).	Gram, Chenna, Chola, Kadalay or Suttaga (*Cicer arietinum*).	Maize (*Zea Mays*).	Arhar or Thûr Cadjan Pea (*Cajanus indicus*).	Firewood.	Salt.	Able-bodied Agricultural Labourer.	Syce or Horse keeper.	Common Mason, Carpenter or Blacksmith.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	R a. p.	R a. p.	R a. p.
Bombay.	Broach	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	8 0 0	16 0 0
	Tanna (Salsette)	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	9 0 0	18-12 to 22-8
	Colâba (Alibag)	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	10 0 0	15 0 0
	Poona (City)	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	10 0 0	15-0 to 22-0
	Satara	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	6 0 0	13-0 to 15-0
	Pânch Mahâls (Godhra)	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	12 0 0	15-0 to 22-8
	Aden	8 0	...	6 3	8 0	11 3	10 3	...	...	11 3	...	5 9	65 5	32 5	...	10 0 0	30-0 to 37-8
	Asirgarh Cantonment	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	6 0 0	15 0 0
	Nimach Cantonment	...	...	...	...	...	...	...	...	...	...	...	...	...	5 10 0	7 0 0	12-0 to 13-0
	Western Districts.																
Bengal.	Bankoora	...	...	...	...	...	...	...	...	...	...	...	...	...	6-0 to 10-0	5-0 to 8-0	8-0 to 16-0
	Central Districts.																
	Jessore	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	6-0 to 7-0	15 0 0
	Rungpore	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	6-0 to 7-0	12-0 to 15-0
	Eastern Districts.																
	Chittagong	...	...	...	...	...	...	...	...	...	...	...	...	...	9-0 to 11-0	7-0 to 8-0	8-0 to 12-0
	Tipperah	...	...	...	...	...	...	...	...	...	...	...	...	...	6-0 to 9-0	6-0 to 7-0	7-0 to 16-0
	Behar.																
	Shahabad	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	5-0 to 6-0	6-0 to 7-8
	Mozufferpore	...	...	...	...	...	...	...	...	...	...	...	...	...	3-0 to 5-0	4-0 to 5-0	5-0 to 8-0
	Chumparun	...	...	...	...	...	...	...	...	...	...	...	...	...	6 8 0	4 0 0	7 8 0
	Chota Nagpore.																
	South-Western Frontier Agency.																
	Manbhoom	...	...	...	...	...	...	...	...	...	...	...	...	...	4 3 6	4 0 0	10-5 to 13-2

PUNJAB.	Rohtak	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 8 0	5 0 0	10 0 0
	Gurgaon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	5 0 0	10 0 0
	Delhi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	5 0 0	11 10 8
	Karnál	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 10 0	6 0 0	12 3 0
	Umballa	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 8 0	4 12 0	11 2 0
	Simla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	5 0 0	11 4 0
	Kángra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 0 6	6 8 0	20 10 0
	Hoshiárpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 8 0	5 0 0	10 0 0
	Jullúndur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	6 0 0	10 0 0
	Ludhiána	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	6 0 0	10 0 0
	Ferozepore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	6 0 0	10 10 8
	Moultan	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 11 0	5 8 0	13 0 0
	Jhang	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8 0 0	6 0 0	17 8 0
	Montgomery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	7 0 0	15 0 0
	Lahore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	6 0 0	14 0 0
	Amritsar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	6 0 0	16 14 0
	Gurdáspur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	6 0 0	12 10 8
	Siálkot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 10 0	5 0 0	15 0 0
	Gujrát	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	6 0 0	15 0 0
	Gujránwála	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	4 0 0	12 0 0
	Shahpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	6 8 0	14 8 0
	Jhelum	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	5 0 0	10 5 4
	Ráwalpindi	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 10 0	7 0 0	15 0 0
	Hazára	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6 0 0	8 0 0	11 5 4
	Peshawar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 8 0	7 0 0	18 0 0
	Kohát	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10 0 0	6 8 0	27 0 0
	Bannu	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9 0 0	7 0 0	15 0 0
	D. I. Khán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7 12 0	6 0 0	17 0 0
	D. G. Khán	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5 0 0	6 0 0	21 4 0
	Muzaffargarh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4 0 0	6 0 0	15 0 0
																7 0 0	7 0 0	16 2 8
H. A. DISTRICTS.	Secunderabad	11 8	...	6 13	10 14	18 13	...	...	...	13 13	...	11 4	115 0	9 13	5-0 to 7-0	5-0 to 7-0	13-0 to 26-0
	Bolárum	12 6	...	6 7	9 3	21 3	...	...	...	14 12	...	...	116 14	10 4	...	6-0 to 8-0	11-4 to 30-0
	Chadarghat	10 8	...	7 0	9 8	19 0	20 0	...	...	13 8	...	11 0	120 0	9 8	7 8 0	8 0 0	15 0 0
RAJPOOTANA.	Meywar (Oodeypore)	...	...	...	...	...	...	...	...	...	...	...	...	...	4-0 to 5-0	5-8 to 6-0	20-0 to 30-0

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch*).

J. WESTLAND,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

DEPARTMENT OF FINANCE AND COMMERCE.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1887.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Provinces.	Districts.	Quantities per Rupee in seers of 80 tolas.													Remarks.
		Wheat.	Barley.	Rice, best sort.	Rice, common.	Jowar or Cholum (*Sorghum vulgare*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Marua or Ragi (*Eleusine coracana*).	Kangni or Kakun, Italian millet (*Setaria italica*).	Gram, Chola, Kadalay or Sunaga (*Cicer arietinum*).	Maize (*Zea Mays*).	Arhar or Thur Cadjan Pea (*Cajanus indicus*).	Firewood.	Salt.	
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Madras.	Ganjam	10 5	...	14 10	15 8	...	...	29 5	...	...	...	...	215 13	13 13	
	Vizagapatam	14 0	...	9 0	10 3	23 13	23 13	19 3	...	...	...	...	93 5	12 14	
	Godavery	9 8	...	13 14	15 0	21 2	19 6	27 5	...	...	...	...	243 0	12 8	
	Kistna	8 14	...	14 13	16 8	19 0	...	31 5	...	...	...	...	145 13	15 0	
	Nellore	9 0	...	12 14	14 0	26 14	...	29 2	...	...	...	...	93 5	14 13	
	Cuddapah	11 13	...	13 3	14 14	23 11	...	28 8	...	...	...	...	140 0	14 6	
	Anantapur	11 8	...	12 13	15 2	31 14	22 10	32 0	...	...	...	...	77 13	13 2	
	Bellary	15 6	...	12 13	14 0	27 13	25 6	34 14	...	...	...	...	97 3	13 2	
	Kurnool	12 11	...	12 2	12 14	30 2	25 0	...	...	...	...	...	114 6	13 5	
	Madras	10 10	...	11 3	13 0	23 0	23 2	27 6	...	...	...	...	86 5	14 10	
	Chingleput	...	...	13 8	15 14	...	21 2	26 11	...	...	...	...	106 14	14 0	
	North Arcot	10 3	...	14 0	15 0	...	...	34 3	...	...	...	...	140 0	13 5	
	South Arcot	9 6	...	13 14	15 5	...	24 10	25 6	...	...	...	...	201 11	14 6	
	Tanjore	10 5	...	14 14	...	...	26 2	29 6	...	...	...	...	166 3	13 13	
	Trichinopoly	...	...	14 0	14 8	...	25 6	27 8	...	...	...	...	133 10	14 10	
	Madura	10 8	...	13 6	13 14	29 3	...	27 14	...	...	...	...	131 3	15 6	
	Tinnevelly	9 10	...	12 5	12 13	...	...	...	...	...	...	...	70 0	16 8	
	Coimbatore	13 2	...	13 8	14 8	22 10	25 6	27 14	...	...	...	...	121 8	12 11	
	Nilgiris	10 11	...	11 3	12 0	21 10	16 13	20 14	...	...	...	...	161 13	10 2	
	Salem	11 14	...	13 2	14 2	32 13	26 3	30 13	...	...	...	...	186 10	15 5	
	South Canara	8 2	...	13 10	16 0	...	...	21 13	...	...	...	...	123 6	16 3	
	Malabar	9 0	...	13 13	14 10	...	...	22 10	...	...	...	...	155 8	13 2	
Bay.	Bombay	10 9	16 10	7 2	11 6	18 14	14 11	17 3	14 12	15 3	18 5	9 0	67 1	14 6	
	Daskrohi	12 0	20 0	6 8	11 0	20 0	16 0	...	20 0	15 0	20 0	10 0	80 0	16 0	
	Kaira	11 0	21 4	8 8	11 6	16 12	13 2	18 4	...	16 0	...	10 0	80 0	16 0	
	Surat	12 0	16 0	8 0	10 0	15 0	14 0	...	...	14 0	...	10 0	80 0	16 0	
	Broach	12 6	...	8 0	10 6	16 0	14 0	...	...	14 0	...	16 0	120 0	14 2½	
	Tánna (Salsette)	9 12	...	8 3	10 0	16 13	14 6	...	...	12 5	...	8 0	71 2	15 4	
	Colába (Alibag)	8 9	...	7 4	11 4	...	13 0	...	...	12 7	...	8 2	90 0	14 0	
	Khandesh (Dhulia)	13 8	...	7 8	9 6	20 10	16 12	...	14 8	15 3	...	10 8	131 0	12 4	
	Násik	13 12	...	10 8	12 0	...	17 14	22 8	...	17 14	...	9 10	106 8	16 8	
	Ahmednagar	12 6	...	8 1	9 1	24 10	15 8	...	...	19 1	...	15 10	83 14	14 4	
	Poona (City)	11 8	9 0	9 3	10 7	23 15	18 6	16 6	...	17 4	...	14 10	60 13	13 14	
	Sholápur	14 15	19 8	10 0	10 6	24 2	21 7	...	21 2	20 1	...	15 2	80 0	13 0	
	Bijapur	15 6	13 2	7 1	9 12	27 0	28 10	...	...	18 11	...	18 9	80 0	12 0	
	Satara	12 0	...	9 9	11 7	20 0	20 11	...	...	19 8	...	15 2	116 8	14 9	
	Belgaum	16 0	11 0	10 8	11 0	21 8	22 0	27 0	...	16 0	...	15 0	64 0	13 0	
	Dharwar (Hubli)	16 0	...	10 0	11 0	23 0	21 0	38 0	...	19 0	...	12 0	80 0	9 0	
	Ratnágiri	9 4	...	10 11	12 0	15 10	14 11	16 7	...	15 6	...	10 14	120 0	12 15	

BOMBAY.															
Karwar	11 0	...	7 0	10 8	17 0	16 0	18 0	12 0	14 0	...	11 8	213 5½	11 0
Pánch Mahás (Godhra)	10 0	...	8 0	10 0	...	16 0	20 0	...	18 0	23 0	10 0	160 0	16 0
Aden	8 0	...	6 3	8 0	11 3	10 3	...	...	11 3	...	5 9	65 5	32 0
Ahmedabad Cantonment	13 8	...	9 0	11 0	17 6	22 0	...	19 0	17 0	...	10 0	160 0	11 0
Baroda Camp (Sadar Bázar)	9 2	14 4½	6 13½	8 9	14 4½	13 2½	15 7	...	13 2½	...	10 13½	80 0	13 2½
Dísa Cantonment	11 12	...	8 0	9 2	19 4	18 2	...	...	15 12	...	10 4	150 0	14 0
Nasirabad Cantonment	13 8	18 0	8 0	10 0	23 0	14 0	...	...	18 0	22 0	13 0	180 0	14 0
Nasirabad Cantonment	14 5½	19 1	7 0	8 0	21 6½	16 0	...	10 0	19 10½	21 0	12 8	90 0	15 8
Rajkot Station	11 8	...	6 8	9 0	14 0	11 8	...	...	11 8	...	7 8	80 0	40 0
Upper Sind Frontier	12 0	16 0	10 0	15 0	23 0	22 0	...	...	12 0	...	11 8	160 0	13 0‖
Karachi	11 8	17 0	8 0	14 0	18 0	15 0	‡	‡	15 0	13 0	8 0	85 0	16 0
Haidarabad (Gidu Bunder)	11 8	15 8	7 8	17 8	21 8	17 8	...	...	15 8	...	...	140 0	14 8
Shikarpur	11 8	17 8	10 0	14 8	18 0	23 0	...	...	15 0	...	9 8	140 0	13 0
Sukkur	13 8	18 0	11 0	14 8	20 0	20 0	...	...	15 8	...	10 8	120 0	14 8
Thar & Parkar (Umarkot)	16 0	...	...	15 0	...	20 0	...	...	...	...	...	160 0	14 12
BENGAL.													
Western Districts.													
Burdwan	12 12	...	16 8	20 1	...	...	...	...	26 0	...	27 0	120 0	13 5*a*
Bankoora	15 8	20 0	17 8	22 8	...	...	...	...	19 8	30 0	20 0	280 0	12 8*b*
Beerbhoom	18 0	...	18 0	22 8	...	...	...	...	26 8	...	15 0	160 0	12 12*c*
Midnapore	16 0	...	21 0	23 8	...	...	...	...	22 0	...	13 0	155 0	13 0*d*
Hooghly	15 0	...	10 0	18 0	...	...	...	...	20 0	...	14 0	120 0	13 8*e*
Howrah	...*	...	13 12	18 4	...	...	...	...	21 0	...	13 4	95 0	12 0
Central Districts.													
Calcutta	14 4	20 0	9 6	19 2	21 0	15 8	...	16 4	19 12	19 0	18 4	80 0	13 0
24-Pergunnahs	14 0	25 0	8 0	18 13	...	...	...	20 0	22 8	...	19 0	90 0	12 8*f*
Nuddea	16 0	32 0	15 4	20 5	...	...	...	...	29 0	...	20 0	..	11 10½*g*
Khoolna	...	...	18 0	21 0	...	...	...	...	16 0	...	...	160 0	10 8*h*
Jessore	16 0	...	17 0	22 12	...	...	...	...	26 8	...	23 0	100 0	10 12*i*
Moorshedabad	15 0	...	15 0	22 0	...	...	...	...	30 0	40 0	20 0	130 0	12 0*j*
Dinagepore	12 0	22 0	17 0	21 0	...	...	...	...	24 0	...	11 0	160 0	12 8*k*
Rajshahye	16 8	45 0	16 14	18 12	...	...	...	...	28 2	...	16 8	240 0	12 0*l*
Rungpore	18 12	...	15 3	18 12	...	...	...	...	20 0	...	8 10	120 0	10 5*m*
Bogra	17 4	...	13 8	21 0	...	...	...	...	20 4	...	...	90 0	12 0
Pubna	18 12	...	8 0	20 0	...	...	...	...	32 0	...	20 0	200 0	12 0*n*
Darjeeling	9 0	11 0	5 0	13 0	...	...	12 0	...	11 0	27 0	8 0	120 0	9 0*o*
Jalpáiguri	13 0	20 0	13 0	22 0	...	...	...	...	16 10	20 0	12 0	128 0	11 0*p*
Eastern Districts.													
Dacca	14 8	26 0	16 0	19 0	...	...	...	...	20 0	...	18 0	120 0	12 0*q*
Furreedpore	22 0	26 0	17 0	19 0	...	...	...	...	24 0	...	20 0	160 0	12 0*r*
Backergunge	...	...	16 8	19 8	...	...	...	...	16 0	...	14 0	120 0	12 0*s*
Mymensingh	12 0	...	12 0	16 0	...	...	...	...	16 0	...	20 0	...	12 0*t*
Chittagong	16 0	...	12 0	17 0	...	...	...	...	16 0	...	9 0	80 0	10 0*u*
Noakholly	...	...	18 0	20 0	...	...	...	...	13 0	...	...	...	9 0*v*
Tipperah	11 7	...	17 8½	19 14	...	...	...	...	16 0	...	9 12	...	11 0*w*
Chittagong Hill Tracts	...	...	11 7	12 5	...	...	...	...	...	...	...	320 0	8 0
Hill Tipperah	12 0	...	10 0	15 0	...	...	...	...	12 0	...	16 0	...	11 0

* Wheat is not ordinarily sold in Howrah, but may be had if ordered. † This is the occasional and not the permanent rate. ‡ Not procurable. ‖ In common use.

In the prices current statement for the fortnight ending 31st May 1887, published at page 877 of the Supplement to the *Gazette of India*, of 25th June 1887, against Howrah in column 3 "wheat" for 12 seers read 15 seers.

a In sub-divisions retail prices of salt per rupee were:—Culna 12 seers, Cutwa 13 seers, and Raneegunge 12-2 seers.

b In Bishenpore sub-division retail price of salt 12 seers per rupee.

c In Rampore Haut sub-division retail price of salt 12-8 seers per rupee.

d In sub-divisions retail prices of salt per rupee were:—Tumlook 11 seers, Ghattal 13-4 seers.

e In sub-divisions retail prices of salt per rupee were:—Serampore 12 seers, and Jehanabad 13-8 seers.

f In sub-divisions retail prices of salt per rupee were:—Baraset 12 seers, Bussirhat 13 seers, Diamond Harbour (at Magrahat) 10-8 seers, Barrackpore 12-12 seers, and Dum-Dum 11 seers.

g In sub-divisions retail prices of salt per rupee were:—Kooshtea and Meherpore 12 seers, Chooadanga 11-8 seers, and 10-10 seers.

h In Satkhira and Bagirhat sub-divisions retail price of salt 11 seers per rupee.

i In sub-divisions retail prices of salt per rupee were:—Jhenida and Narail 12 seers, Magoora 10-12 seers, and Bongong 13 seers.

j In sub-divisions retail prices of salt per rupee were:—Lalbagh 13 seers, Jungipore and Kandi 12-8 seers.

k In Thakurgaon sub-division retail price of salt 10 seers per rupee.

l In Nattore sub-division retail price of salt 12 seers per rupee.

m In sub-divisions retail prices of salt per rupee were:—Kurigram 12 seers, Nilphamari 13 seers, and Gaibanda 9-12 seers.

n In Serajgunge sub-division retail price of salt 12 seers per rupee.

o At Silliguri retail price of salt 10 seers per rupee.

p In Alipore sub-division (at Fallacotta) retail price of salt 10 seers per rupee.

q In sub-divisions retail prices of salt per rupee were:—Manickgunge 11 seers and Munshigunge 10-12 seers.

r In sub-divisions retail prices of salt per rupee were:—Goalundo 12 seers and Madaripore 12-8 seers.

s In sub-divisions retail prices of salt per rupee were:—Patuakhali 9-9 seers, Perozepore 11 seers, and Bhola 10-8 seers.

t In sub-divisions retail prices of salt per rupee were:—Kishoregunge 9-2 seers, Attea 12 seers, Jamalpore 10-10 seers, Sherpore 10 seers and Netrokona 10-4 seers.

u In Cox's Bazar sub-division retail prices of salt 12 seers per rupee.

v In Fenny sub-division (at Panchgatchia) retail price of salt 9 seers per rupee.

w In Chandpore sub-division retail price of salt 11-8 seers per rupee.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1887—*continued.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Quantities per Rupee in seers of 80 tolas.													
Provinces.	Districts.	Wheat.	Barley.	Rice, best sort.	Rice, common.	Jowar or Cholum (*Sorghum vulgare*).	Baira or Cumbu (*Pennisetum typhoideum*).	Marua or Ragi (*Eleusine coracana*).	Kangni or Kakun, Italian millet (*Setaria italica*).	Gram, Chola, Kadalay or Sunaga (*Cicer arietinum*).	Maize (*Zea Mays*).	Arhar or Thur Cadjan Pea (*Cajanus indicus*).	Firewood.	Salt.	Remarks.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Bengal—*continued.*	*Behar.*														
	Patna	18 0	28 0	11 8	21 0	26 0	26 0	26 0	24 0	29 0	25 0	25 0	120 0	11 12	
	Gya	16 0	31 0	9 8	18 8	...	...	...	17 0	28 0	...	23 0	100 0	11 0	
	Shahabad	16 0	29 0	8 0	16 0	...	...	...	...	30 0	...	16 0	140 0	12 8x	
	Durbhunga	17 9	30 12	12 0	18 10	...	...	31 13	...	27 7	28 9	22 0	176 0	11 8y	
	Mozufferpore	20 0	30 0	12 0	20 0	...	...	30 0	...	26 0	27 0	22 0	120 0	12 0z	
	Sarun	15 0	27 0	8 0	20 0	...	...	26 0	14 0	26 0	29 8	26 0	160 0	12 0z1	
	Chumparun	20 0	35 0	7 8	16 0	...	...	...	...	31 0	31 0	22 0	160 0	12 0z2	
	Monghyr	18 9	33 8	13 14	16 12	13 14	...	...	31 8	30 8	27 12	23 1	126 0	12 9z3	
	Bhágalpur	17 10	35 5	17 10	20 3	...	...	...	...	27 12	35 5	21 7	151 8	12 10z4	
	Purneah	16 0	...	16 0	18 0	...	...	20 0	20 0	20 0	†	16 0	160 0	10 8z5	
	Maldah	16 0	...	13 0	20 0	...	...	...	...	24 0	...	...	120 0	11 8	
	Sonthal Pergunnahs	13 0	...	17 0	25 0	...	...	...	...	22 0	36 0	25 0	200 0	11 8z6	
	Orissa.														
	Cuttack	15 12	...	11 13	19 11	...	...	...	...	17 1	...	14 7	80 0	13 0	
	Pooree	10 8	...	13 2	22 5	...	...	...	...	13 2	...	14 7	70 0	14 7z7	
	Balasore	15 0	13 0	15 0	25 0	...	...	..	...	15 0	...	10 0	160 0	10 8z8	
	Chota Nagpore. *South-Western Frontier Agency.*														
	Hazáribágh	17 0	18 0	10 0	17 8	*	...	32 0	*	20 0	25 0	19 0	320 0	10 0z9	
	Lohardugga	22 0	26 0	17 0	22 0	..	...	36 0	...	22 0	...	28 0	120 0	9 12	
	Singbhoom	20 0	32 0	20 0	28 0	...	...	...	...	16 0	...	20 0	320 0	9 0	
	Manbhoom	18 0	38 0	17 0	26 0	...	...	...	...	16 0	...	21 0	...	10 10z10	
Assam.	Sylhet	11 0	...	12 4	17 8	...	...	...	...	17 12	...	12 4	108 0	11 12	
	Cáchár	8 14½	...	8 0	12 4½	...	...	...	...	13 5 3/10	...	10 5	80 0	11 2½	
	Goálpará	20 0	...	8 0	16 0	...	...	...	...	16 0	...	11 0	80 0	11 0	
	Gáro Hills	8 0	...	6 0	13 0	...	...	...	...	10 0	...	9 0	160 0	8 0	
	Kámrup	10 0	...	8 0	19 8	...	...	...	...	14 0	...	11 8	160 0	11 7	
	Darráng	7 0	...	12 0	16 0	...	...	...	...	13 0	...	10 0	150 0	10 0	
	Nowgong	8 0	...	8 0	16 0	...	...	...	...	9 9	...	10 0	120 0	10 0	
	Sibságar	...	...	12 0	14 0	...	...	...	...	14 0	...	10 0	120 0	9 0	
	Lakhimpur	9 0	...	8 0	13 0	...	...	...	...	15 0	8 0	10 0	160 0	9 0	
	Khási and Jaintiá Hills	...	...	6 0	9 0	...	...	...	...	8 8	16 0	7 0	90 0	8 0	
	Mágá Hills	...	...	3 6	8 0	...	...	...	...	‖	...	‖	60 0	3 8	
	Dehra Doon	14 8	22 8	6 0	10 8	18 0	12 0	18 0	...	17 0	18 0	16 0	160 0	11 0	
	Sahárunpur	16 11	22 9	8 9½	11 13	10 12	10 12	21 8	21 8	20 7	17 3	18 4½	150 8	12 5	
	Muzaffarnagár	17 10	26 6	6 9	12 2	11 2	13 4	15 6	14 5	21 0	17 10	14 5	110 0	13 4	
	Meerut	15 12	23 0	6 0	14 0	10 0	16 0	18 0	18 0	21 0	...	24 8	100 0	13 8	
	Bulandshahr	16 8	25 8	7 0	11 0	16 0	13 0	...	16 0	24 0	20 0	18 0	160 0	13 0	
	Aligarh	16 4	22 8	6 0	11 8	20 0	15 0	...	16 0	24 0	25 8	29 0	140 0	13 0	
	Mainpuri	14 0	14 0	11 0	12 0	...	...	18 0	20 0	13 0	...	10 0	200 0	8 0	
	Etawah	16 12	21 0	7 8	12 0	25 0	...	...	...	10 8	...	8 0	180 0	7 8	

N.-W. PROVINCES.																	
Bijnor	15 12	25 5	11 4	12 2	10 2	...	...	...	18 9	...	...	135 0	11 13
Moradabad	16 14	24 0	10 8	13 8	18 12	15 8	...	14 8	21 0	...	25 8	125 0	13 6
Budaun	16 12½	25 3	6 0	13 3	9 0	...	...	...	23 6½	12 0	28 12½	192 0	12 0
Bareilly	14 6	20 0	6 4	11 14	12 8	12 8	...	15 0	19 6	12 13	23 12	137 8	12 8
Shahjahánpur	17 0	25 8	10 0	14 8	13 0	20 0	...	20 0	23 0	...	23 8	140 0	12 8
Tarái Pergunnahs	17 8	25 0	8 12	12 8	10 0	15 0	...	8 12	18 12	17 8	22 8	100 0	11 4
Mathra	15 0	20 8	8 0	12 0	14 0	16 0	...	...	21 0	16 0	24 8	120 0	13 0
Agra	15 0	20 0	6 0	11 0	15 0	16 0	...	16 0	20 12	...	15 0	100 0	13 0
Farukhabad	14 5	18 0	6 8	11 8	...	...	...	...	20 10	...	23 8	140 0	12 4
Mainpuri	13 4	20 4	4 8	9 8	...	...	35 0	16 0	21 1	...	23 2	160 0	12 12
Etawah	13 4	18 0	6 0	12 8	18 4	18 4	16 0	16 0	20 8	24 0	24 0	120 0	12 0
Etah	17 12	23 12	7 0	12 10	...	16 8	...	16 0	30 8	...	18 12	160 0	13 12
Bilaun	21 0	24 0	9 0	11 0	25 0	23 0	...	15 0	28 0	22 0	30 0	140 0	11 0
Jhansi	17 11	24 8	8 0	13 0	24 0	20 4	...	...	23 15½	...	25 8	200 0	12 0
Lalitpur	17 0	22 0	9 0	10 0	21 0	17 0	32 0	32 0	22 4	24 0	11 8	160 0	10 4
Cawnpore	16 0	21 0	10 0	14 0	18 0	21 0	‡	25 0	23 8	‡	26 0	150 0	14 0
Fatehpur	14 4	20 0	12 4	14 0	...	...	...	...	24 0	...	27 0	160 0	11 8
Bánda	20 0	26 0	8 0	10 8	27 0	19 0	26 0	18 0	30 0	...	22 0	160 0	12 0
Allahabad	14 0	22 0	8 0	13 0	18 0	17 0	...	20 0	26 4	...	20 0	120 0	11 8
Ghazipur	20 11	...	8 0	12 10	23 0	...	...	...	26 4	...	34 8	140 0	12 6
Jaunpur	14 6	17 12	7 0	12 8	...	...	...	...	18 12	...	21 0	140 0	12 0
Gorakhpur	15 5	26 1½	9 14½	16 10½	...	...	...	22 8	27 14½	...	19 13	140 0	12 6½
Basti	15 0	...	10 0	13 0	...	...	...	...	24 0	...	...	140 0	11 0
Azamgarh	15 2	19 9	10 5	17 11	...	...	...	...	22 8	...	13 10	177 8	11 2
Mirzapur	14 0	20 0	8 0	15 0	17 0	17 0	22 0	22 0	20 0	22 0	25 0	80 0	11 0
Benares	14 10	20 5	11 6	16 0	20 1	19 8	§	22 12	21 2	21 2	23 5	110 0	11 13
Ghazipur	17 8½	22 8½	7 1½	17 12	19 5	22 8½	38 10	14 2½	28 5	...	24 7	128 12	10 15½
Balia	18 0	27 0	10 4	21 0	...	...	...	...	29 8	...	25 12	100 0	12 0
Pilibhit	15 10	27 8	7 0	13 8	10 0	...	...	...	20 0	...	25 0	140 0	11 4
OUDH.													
Sultánpur	15 0	22 0	9 0	15 0	25 0	20 8	40 0	20 0	26 0	26 0	28 0	160 0	12 0
Partábgarh	16 2	21 2½	13 0	14 0	...	...	...	...	24 5	...	18 5	180 0	11 8
Fyzabad	14 8	25 0	10 4	15 0	10 12	17 0	...	14 0	23 4	22 0	22 0	100 0	11 8
Kheri	17 4	26 0	8 0	13 0	22 0	24 0	36 0	24 0	21 4	24 0	18 0	120 0	12 0
Lucknow	15 4	21 4	6 0	12 8	22 0	18 8	...	18 0	21 6	24 0	24 0	120 0	11 4
Bára Banki	14 0	20 0	8 0	10 0	20 8	16 0	21 0	20 0	20 0	20 0	23 0	120 0	11 8
Bahraich	16 0	27 0	13 0	17 0	26 0	20 0	...	...	27 0	27 0	25 0	160 0	12 0
Rai Bareli	14 8	21 0	7 0	13 8	17 0	16 0	...	18 0	23 0	24 0	26 8	180 0	10 8
Sitápur	16 12	24 8	8 0	14 0	17 0	17 0	16 0	16 0	23 0	18 0	26 0	160 0	12 8
Gonda	16 8	24 8	14 0	14 14	16 0	19 8	28 0	16 0	25 12	14 4	27 4	200 0	12 4
Unáo	15 8	19 0	9 0	13 0	16 0	18 0	...	22 0	22 0	18 0	18 0	160 0	12 0
Hardoi	18 0	23 0	7 0	13 0	...	...	...	...	23 8	...	28 0	120 0	12 0
PUNJAB.													
Hissar	16 0	20 0	...	10 0	22 0	17 0	...	...	25 0	18 0	...	100 0	12 8
Rohtak	16 0	20 0	...	11 0	12 0	15 0	...	...	24 0	14 0	...	120 0	12 0
Gurgaon	16 0	22 0	...	9 0	16 0	19 0	...	16 0	21 0	16 0	21 0	140 0	13 0
Delhi	15 0	20 0	...	14 0	12 0	16 0	...	16 0	21 0	12 0	23 0	80 0	12 0
Karnál	17 0	23 0	...	12 0	12 0	14 0	20 0	16 0	21 0	14 0	21 0	160 0	12 0
Umballa	19 0	23 0	...	12 0	15 0	10 0	20 0	16 0	23 0	17 0	22 0	140 0	14 0
Simla	12 0	15 0	...	8 0	13 0	7 0	16 0	10 8	14 0	14 0	11 0	70 0	9 8
Kángra	15 0	22 0	...	12 0	11 0	10 0	18 0	8 0	16 0	16 0	12 0	120 0	11 0
Hoshiárpur	18 0	23 0	...	11 0	10 0	10 0	...	16 0	20 0	20 0	13 0	120 0	14 8
Jullundur	18 0	22 0	...	8 0	13 0	13 0	...	14 0	21 0	21 0	...	110 0	14 0
Ludhiána	18 0	23 0	...	12 0	13 0	13 0	...	17 0	20 0	17 0	13 0	120 0	15 0

* Not procurable. † Not sold. ‡ No sales in market. § Marua not procurable in market. ‖ Not given by the Deputy Commissioner.

x In sub-divisions retail prices of salt per rupee were:—Sasseram 12 seers, Buxar 12-8 seers, and Bhabooah 11 seers.

y In sub-division retail price of salt per rupee were:—Madhubani 11 seers and Tajpore 12 seers.

z In sub-divisions retail prices of salt per rupee were:—Seetamarhee 11 seers and Hajeepore 12 seers.

z1 In sub-divisions retail prices of salt per rupee were:—Sewan 11-8 seers and Gopalgunge 11-13 seers.

z2 In Bettiah sub-division retail price of salt 11-8 seers per rupee.

z3 In sub-divisions retail prices of salt per rupee were:—Beguserai 11 seers and Jamui 11-8 seers.

z4 In Banka, Soopole, and Muddehpura sub-divisions retail prices of salt 11 seers per rupee.

z5 In sub-divisions retail prices of salt per rupee were:—Kishoregunge 10 seers and Arrareah (at Raneegunge) 11-8 seers.

z6 In sub-divisions retail prices of salt per rupee were:—Godda 11 seers, Rajmehal 12 seers.

z7 In Khoorda sub-division retail prices of salt 14 seers per rupee.

z8 In Bhuddruck sub-division retail price of salt 9 seers per rupee.

z9 In Giridi sub-division retail price of salt 11 seers per rupee.

z10 In Govindpore sub-division retail price of salt 12 seers per rupee.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1887—*continued.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Provinces.	Districts.	Quantities per Rupee in seers of 80 tolas.													Remarks.
		Wheat.	Barley.	Rice, best sort.	Rice, common.	Jowar or Cholum (*Sorghum vulgare*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Marua or Ragi (*Eleusine coracana*).	Kangni or Kakun, Italian millet (*Setaria italica*).	Gram, Chena, Chola, Kadalay or Sunaga (*Cicer arietinum*.)	Maize (*Zea Mays*).	Arhar or Thur Cadjan Pea (*Cajanus indicus*).	Firewood.	Salt.	
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Punjab—*continued.*	Ferozepore	17 0	23 0	...	8 0	14 0	...	...	20 0	22 0	16 0	13 0	90 0	14 8	
	Mooltan	14 0	19 0	...	10 0	16 0	15 0	...	16 0	17 0	16 0	...	90 0	14 0	
	Jhang	14 0	18 0	...	10 0	8 0	14 0	12 0	7 0	18 0	6 0	10 0	200 0	14 0	
	Montgomery	17 0	22 0	...	10 0	12 0	11 0	...	16 0	21 0	12 0	12 0	200 0	12 0	
	Lahore	16 0	22 0	...	11 0	13 0	13 0	...	16 0	19 0	13 0	12 0	90 0	14 0	
	Amritsar	17 0	23 0	...	11 0	14 0	14 0	14 0	16 0	20 0	14 0	16 0	90 0	15 0	
	Gurdáspur	19 0	28 0	...	14 0	10 0	14 0	...	14 0	23 0	12 0	8 0	120 0	14 0	
	Siálkot	17 0	25 0	...	12 0	13 0	13 0	22 0	16 0	20 0	13 0	12 0	130 0	15 0	
	Gujrát	17 0	22 0	...	12 0	14 0	14 0	...	12 0	20 0	15 0	12 0	120 0	16 0	
	Gujránwála	18 0	25 0	...	14 0	13 0	10 0	25 0	10 0	20 0	16 0	8 0	120 0	15 0	
	Shahpur	14 0	20 0	...	10 0	13 0	15 0	20 0	14 0	18 0	15 0	10 0	240 0	16 0	
	Jhelum	16 0	23 0	...	12 0	14 0	16 0	...	...	20 0	16 0	12 0	160 0	16 0	
	Ráwalpindi	16 0	23 0	...	8 0	8 0	16 0	...	...	19 0	15 0	22 0	100 0	15 12	
	Hazára	15 0	22 0	...	12 0	...	12 0	...	8 0	16 0	16 0	...	120 0	12 0	
	Pesháwar	14 0	21 0	...	10 0	10 0	15 0	...	18 0	17 0	17 0	21 0	105 0	41 0	
	Kohát	13 0	20 0	...	13 0	12 0	14 0	...	15 0	14 0	17 0	...	80 0	56 0	
	Bannu	16 0	24 0	...	9 0	10 0	15 0	8 0	8 0	18 0	19 0	11 0	60 0	40 0	
	D. I. Khán	12 0	18 0	...	9 0	14 0	11 0	15 0	5 0	16 0	12 0	13 0	119 0	35 0	
	D. G. Khán	14 0	15 0	...	9 0	18 0	16 0	12 0	12 0	15 0	15 0	...	125 0	21 0	
	Muzaffargarh	14 0	18 0	...	12 0	12 0	12 0	...	...	16 0	17 0	11 0	100 0	14 0	
Central Provinces.	Saugor	17 6	...	7 15	9 4	...	...	...	...	22 12	...	13 0	160 0	8 0	
	Damoh	21 5	...	10 0	11 7	...	...	...	...	30 0	...	12 13	200 0	9 13	
	Jubbulpore	15 12	...	8 12	12 0	17 0	...	...	...	20 0	...	14 0	120 0	11 0	
	Mandla	22 0	...	...	13 0	...	...	...	...	32 0	...	13 0	256 0	10 0	
	Seoni	19 8	...	8 0	10 11	...	...	...	...	20 6	...	12 7	200 0	10 11	
	Narsinghpur	16 0	...	9 3	10 4	...	...	...	...	21 11	...	13 7	140 0	10 11	
	Hoshangabad	15 0	...	7 0	9 0	...	...	...	...	18 0	...	13 0	200 0	10 14	
	Nimár	15 1	...	7 8	11 14	20 11	...	...	...	16 2	...	12 3	120 0	11 15	
	Betúl	17 8	...	10 7	11 1	20 3	...	...	...	22 0	...	9 12	320 0	11 6	
	Chhindwára	17 9	...	7 4	9 10	19 10	...	...	...	25 5	...	12 0	160 0	9 2	
	Wardha	17 2	...	8 0	11 7	21 13	...	...	...	16 0	...	16 0	124 0	10 11	
	Nágpur	15 10	...	8 7	12 3	19 11	...	...	...	17 3	...	13 2	100 0	10 14	
	Chánda	16 3	...	...	12 3	20 0	...	...	...	14 6	...	9 0	675 0	11 3	
	Bhandára	16 4	...	...	12 8	...	...	...	...	16 4	...	13 12	180 0	10 8	
	Bálághát	15 12	...	11 13	12 12	...	...	...	...	16 13	...	13 12	144 0	10 0	
	Raipur	21 0	...	9 0	16 10	...	...	...	...	21 0	...	21 0	64 0	9 0	
	Bilaspur	26 10	...	15 12	30 4	...	...	...	...	31 6	...	24 1	128 0	7 0	
	Sambalpur	20 2	...	14 0	16 10	...	...	...	...	18 12	...	11 0	200 0	9 3	
	Berár Division.														
	Akola	...	...	13 0	16 0	...	...	...	...	11 0	...	...	150 0	35 0	
	Buldana	...	...	15 3	17 2	...	...	...	...	5 0	...	...	50 0	42 0	
	Amráoti	...	...	26 13	30 13	...	...	...	...	...	...	...	469 11	22 13	

	Pegu Division.														
Lower Burma.	Rangoon Town	9 10	...	11 2	12 4	...	...	...	...	12 4	22 2	...	250 0	29 2	
	Pegu	...	...	10 15	15 12	...	...	...	...	11 2	22 8	...	135 0	26 15	
	Tharrawaddy	...	...	11 14	14 5	...	...	...	...	11 1	...	...	535 11	29 12	
	Prome	16 6	...	11 3	13 12	...	...	...	...	12 7	33 9	...	167 9	18 10†	
	Irrawaddy Division.														
	Bassein	...	...	13 13	15 9	...	...	...	...	10 15	7 15	...	228 7	23 8	
	Henzada	...	...	11 15	15 10	...	...	...	...	...	...	...	183 8	35 8	
	Thongwa	...	...	9 6	10 9	...	...	...	...	12 14	...	...	246 0	35 0	
	Thayetmyo	9 4	...	10 3	12 7	...	...	...	...	12 5	...	...	367 8	18 15	
	Tenasserim Division.														
	Moulmein Town and Amherst	9 0	...	11 8	12 2	...	...	...	...	10 2	12 2	...	220 0	30 18	
	Tavoy	...	...	13 0	17 15	...	...	...	...	...	...	...	399 3	16 1	
	Mergui	...	...	15 6	16 10	...	...	...	...	...	...	...	428 0	14 9	
	Toungoo	...	...	9 14	11 10	...	...	...	...	9 7	...	...	27 0	18 12	
	Shwaygyin	...	...	9 13	10 6	...	...	...	...	...	...	...	200 0	18 14	
Hyderabad Assigned Districts.	Secunderabad	11 8	...	6 13	10 14	18 4	20 1	...	...	13 8	...	12 3	115 0	9 13	
	Bolarum	12 3	...	6 7	9 10	20 13½	...	...	...	14 12	...	...	116 14	10 4	
	Chadarghat	10 0	...	7 0	10 0	19 0	22 0	...	...	13 8	...	12 0	120 0	9 8	
	Amráoti	14 0	...	7 8	8 8	22 4	16 8	...	...	14 2	5 4	10 8	‡	12 0	
	Akola	14 0	...	7 0	10 0	20 0	17 0	...	...	14 0	...	15 0	‡	11 0	
	Ellichpur	14 4	8 0	7 0	10 0	21 4	15 2	...	...	14 0	...	11 2	‡	11 0	
	Buldana	17 0	...	8 0	11 0	24 0	22 0	...	...	18 0	...	10 0	‡	10 0	
	Wun	15 0	...	6 0	8 0	24 0	...	...	...	13 0	...	16 0	‡	11 8	
	Básim	17 0	...	6 13	10 5	26 5	...	...	...	16 0	7 0	17 8	‡	9 10	
Mysore.	Bangalore	No return received.													
	Kolar														
	Tumkúr														
	Mysore														
	Hassan														
	Shimoga														
	Kadur														
	Chitaldroog														
Coorg	Coorg	10 0	9 0	13 8	15 8	...	...	39 0	...	25 0	...	...	110 0	10 0	
Rajpootana.	Jeypore	14 0	23 0	5 0	8 12	18 0	19 0	§	20 0	18 4	21 0	27 0	110 0	14 8	
	Kishengurh	13 0	22 8	9 0	10 0	22 8	15 8	...	...	21 8	20 0	...	...	16 0	
	Kerrowlee	14 2	18 12	10 0	11 4	18 2	16 4	...	21 4	16 4	...	25 0	200 0	12 14	
	Ulwur	16 1	21 3	8 0	11 10	16 8	16 4	...	20 0	19 12	23 0	26 0	200 0	14 12	
	Bhurtpore (City)	15 8	20 15	7 4	8 4	12 14	16 12	...	13 4	19 0	21 0	22 0	200 0	12 4	
	Ajmere	11 8	20 0	3 0	8 0	20 0	17 0	...	...	19 8	20 0	...	70 0	14 0	
	Deoli Cantonment	14 8	20 4½	5 8	10 0	21 8	18 0	...	...	18 2½	...	...	230 0	13 12	
	Erinpura	No return received.													
	Sirohee														
	Abu														
	Amadra														
	Bálmere														
	Jeysalmere														
	Hilly Tracts of Meywar	12 8	22 0	...	14 0	...	...	...	...	19 0	26 0	...	‖	11 8	
	Meywar (Oodeypore)	11 8½	16 12½	8 15½	9 6	16 12½	10 15	...	14 1	14 1	17 3	10 2½	200 0	10 2½	
	Bánswára (Meywar Agency)	16 4	...	8 12	15 0	...	...	...	...	23 2	21 4	...	...	11 4	
	Partábgarh (")	14 6	18 12	10 0	12 8	20 0	18 12	...	...	18 12	19 6	25 0	...	18 15½	
	Marwar (Jodhpore)	No return received.													

* 8 annas per 100 cobs. † Arhar 7-4. ‡ Firewood is sold by head-load, bullock-load, cart-load, and not by weight. § Not in use. ‖ Eight pies per bundle.

PRICES CURRENT OF FOOD-GRAINS THROUGHOUT INDIA FOR THE 1st HALF OF JULY 1887—*concluded.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Quantities per Rupee in seers of 80 tolas.													
Provinces.	Districts.	Wheat.	Barley.	Rice, best sort.	Rice, common.	Jowar or Cholum (*Sorghum vulgare*).	Bajra or Cumbu (*Pennisetum typhoideum*).	Marua or Ragi (*Eleusine coracana*).	Kangni or Kakun, Italian millet (*Setaria italica*).	Gram, Chola, Kadalay or Sunaga (*Cicer arietinum*).	Maize (*Zea Mays*).	Arhar or Thur Cadjan Pea (*Cajanus indicus*).	Firewood.	Salt.	Remarks.
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	
Rajpootana—*contd.*	Bikanir	10 12	...	3 15	9 13	...	15 4	...	...	13 9½	...	8 8	100 0	14 0	
	Boondee	15 8	21 0	10 0	10 8	20 0	...	...	...	18 8	...	...	160 0	12 0	
	Kotah	15 8	15 0	7 8	10 0	18 0	12 0	...	...	19 0	10 0	12 8	240 0	11 4	
	Tonk	14 0	21 4	8 6	9 6	21 4	...	...	...	21 3	...	...	110 0	12 12	
	Jhallawar	15 7	17 7	7 1	10 4	22 6	18 4	...	15 12	16 13½	22 2	10 4	160 15	11 1	
	Shahpoora	15 4	21 4	9 0	13 4	23 0	17 0	...	...	18 8	23 8	...	160 0	13 4	
	Dholpur	14 6	18 0	9 9	11 13	17 9	17 9	...	18 0	19 14	...	22 8	100 0	13 3	
Central India.	Indore	12 15	17 0	8 9	10 0	21 14	19 3	...	...	16 0	20 0	15 8	100 0	11 4	
	Gwalior	13 10	19 8	7 2	9 9	17 4	16 9	*	12 11	16 13	*	20 3	131 7	11 6	
	Goona	18 4	20 0	9 0	9 8	24 0	18 0	*	*	25 0	24 0	13 0	200 0	11 0	
	Baghelkhand (Sutna)	20 0	30 0	8 0	15 0	*	*	*	*	26 0	*	33 12	160 0	12 0	
Baloochistan.	Quetta	10 11½	12 0	5 0	10 0	14 0	†	†	†	11 10	†	†	45 11	9 0	

* Not sold. † None in market.

DEPARTMENT OF FINANCE AND COMMERCE,
(Statistical Branch).

J. WESTLAND,
Offg. Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Civil Works Irrigation.

IRRIGATION OPERATIONS OF THE RABBI CROP OF 1886-87 IN THE PUNJAB.

STATEMENT No. I.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Districts.	Area in acres.	Cultivated area in acres.	Area Irrigated.		Comparison with Last Crop.		Rainfall in Rabbi Months.													
							October.		November.		December.		January.		February.		March.		Total.	
			Rabi, 1886-87.	Rabi, 1885-86.	Increase.	Decrease.	1886.	1885.	1886.	1885.	1886.	1885.	1887.	1886.	1887.	1886.	1887.	1886.	1886-87.	1885-86.
Umballa	1,644,849	951,890	733	737	...	4	0·22	...	...	...	1·01	1·7	3·47	3·0	...	0·2	...	2·9	4·7	7·8
Karnál	1,533,390	680,319	42,934	25,925	17,009	...	0·24	...	...	...	0·28	0·9	1·33	0·6	...	0·2	...	1·1	1·85	2·8
Rohtak	1,159,350	906,022	39,530	13,296	26,234	...	0·9	...	...	...	...	1·6	1·25	0·8	...	...	...	0·9	2·15	3·3
Delhi	804,933	525,676	34,428	3,291	31,137	...	1·8	...	...	...	0·5	1·2	1·7	1·6	...	0·1	...	0·8	4·0	3·5
Hissar	2,265,428	1,161,751	36,303	21,200	15,103	...	0·5	...	...	...	...	5·4	0·5	1·1	...	...	...	7·5	1·0	14.0
Jind	...	...	28,268	23,198	5,070	...	0·3	...	...	...	...	...	1·4	...	...	...	...	...	1·7	...
Bikanir	...	...	212	344	...	132	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalsia State	...	...	194	242	...	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Western Jumna Canal	7,408,550	4,225,668	182,602	88,233	94,553	184	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurdaspur	1,168 314	856,230	5,964	14,629	...	8,665	0·9	...	...	...	1·3	3·7	1·1	2·5	...	...	...	4·5	3·3	10·7
Amritsar	1,006,798	766,773	69,285	118,070	...	48,785	1·8	...	...	...	0·4	1·7	1·3	2·3	...	0·3	...	3·6	3·5	7·9
Lahore	2,334,552	114,921	166,696	182,748	...	16,052	3·0	...	...	...	...	1·8	0·3	3·2	...	0·3	...	1·7	3·3	7·0
Total Bari Doab Canal	4,509,664	2,787,924	241,945	315,447	...	73,502	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ludhiana	881,738	731,388	12,346	13,962	...	1,616	2·6	...	0·4	...	0·7	2·35	3·4	2·65	...	...	...	2·65	7·1	7·65
Ferozepore	1,767,244	1,400,956	123,822	82,091	41,731	...	1·5	0·1	0·2	...	...	1·0	0·3	1·4	...	0·3	...	3·1	2·0	5·9
Faridkot State	...	...	28,324	17,562	10,762	...	0·3	...	...	...	0·7	0·6	...	0·4	...	0·2	0·1	1·4	1·1	2·6
Nabha ,,	...	...	4,016	1,673	2,343	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patiala ,,	...	...	5,501	381	5,120	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jind ,,	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalsia ,,	...	...	1,536	...	1,536	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total Sirhind Canal	2,648,982	2,132,344	175,547	115,669	61,494	1,616	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peshawar	1,602,560	905,600	59,467	37,757	21,710	...	...	...	0·1	...	0·4	1·3	0·2	4·6	...	2·6	0·9	4·0	1·6	12·5
Total Swat River Canal	1,602,560	905,600	59,467	37,757	21,710	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL	16,169,756	10,051,536	659,561	557,106	177,757	75,302	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	Acres.
Area irrigated in 1886-87	659,561
Ditto 1885-86	557,106
Net increase	102,455

STATEMENT No. II.

Statement in Acres of Crops irrigated in Canal Districts.

Description of Crops.	Umballa.	Karnal.	Rohtak.	Delhi.	Hissar.	Jind.	Bikanir.	Kalsia State.	Gurdaspur.	Amritsar.	Lahore.	Ludhiana.	Ferozepore.	Faridkot State	Nabha State	Patiala State.	Peshawar.	Total.
Wheat	115	33,095	33,407	28,517	25,535	22,302	56	1,042	3,800	45,055	125,820	9,583	94,032	21,070	3,148	4,742	14,190	485,509
Barley	8	943	112	156	963	346	12	67	177	914	2,003	167	4,842	1,442	154	205	32,166	44,677
Mixed Grain	...	3,069	4,170	3,886	3,128	3,065	98	...	59	496	1,294	613	2,212	121	146	91	...	22,478
Others	610	5,827	1,841	1,859	6,677	2,557	46	621	1,928	22,820	37,579	1,953	22,736	5,691	568	463	13,111	126,897
Total Rabbi, 1886-87	733	42,934	39,530	34,428	36,303	28,270	212	1,730	5,964	69,285	166,696	12,346	123,822	28,324	4,016	5,501	59,467	659,561
Total Rabbi, 1885-86	737	25,925	13,296	3,291	21,200	23,198	344	242	14,629	118,070	182,748	13,962	82,091	17,562	1,673	381	37,757	557,106

STATEMENT No. III.

Statement in Acres of Crops irrigated in Canal Divisions.

Description of Crop.	Western Jumna Canal.				Bari Doab Canal.			Sirhind Canal.			Swat River Canal Division.	Total.
	Karnal Division.	Hansi Division.	Delhi Division.	Total.	1st Division.	2nd Division.	Total.	3rd Division.	4th Division.	Total.		
Wheat	8,529	68,806	65,724	143,059	29,502	145,173	174,675	16,694	1,16,901	1,33,595	14,190	4,85,509
Barley	871	1,855	216	2,542	469	2,625	3,094	544	6,331	6,875	32,166	44,677
Mixed Grain	...	10,321	7,094	17,415	456	1,393	1,849	3,214	...	3,214	...	22,478
Others	3,391	11,259	4,836	19,586	12,755	49,572	62,327	4,889	26,984	31,873	13,111	1,26,897
Total Rabbi, 1886-87	12,391	92,241	77,970	182,602	43,182	1,98,763	2,41,945	25,331	1,50,216	1,75,547	59,467	6,59,561
Total Rabbi, 1885-86	10,151	62,019	16,063	88,233	66,687	2,48,760	3,15,447	18,256	97,413	1,15,669	37,757	5,57,106

F. J. HOME, *Lieut.-Colonel, R.E.,*
Offg. Joint Secy. to Govt., Punjab, P. W. D. Irrigation Branch.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Civil Works Irrigation.

COMPARATIVE STATEMENT OF IRRIGATION AND RAINFALL ON THE PERENNIAL CANALS IN THE PUNJAB FOR THE YEARS 1885-86 AND 1886-87.

IRRIGATION OPERATIONS, 1886-87.

Comparative Statement of Irrigation and Rainfall for the years 1885-86 and 1886-87 in the Districts of the Punjab irrigated by Perennial Canals.

Districts.	Population.	Area in acres.	Cultivated area in acres.	Area irrigated. Kharif, 1886-87. Total area.	Kharif, 1886-87. In comparison with 1885-86. Increase.	Kharif, 1886-87. In comparison with 1885-86. Decrease.	Rabbi, 1886-87. Total area.	Rabbi, 1886-87. In comparison with 1885-86. Increase.	Rabbi, 1886-87. In comparison with 1885-86. Decrease.	Whole year, 1886-87. Total area.	Whole year, 1886-87. In comparison with 1885-86. Increase.	Whole year, 1886-87. In comparison with 1885-86. Decrease.	Percentage of increase or decrease in 1886-87.	Rainfall. 1885-86.	Rainfall. 1886-87.	Rainfall. Percentage of increase or decrease in 1886-87.
Western Jumna Canal.																
Umballa	1,067,263	1,644,849	951,890	(1)1,889	34	...	733	...	4	2,622	30	...	+1·16	42·6	54·89	+28·85
Karnál	622,621	1,533,990	680,319	(1)26,508	5,349	...	42,934	17,009	...	69,442	22,358	...	+47·48	31·2	24·63	−21·06
Rohtak	553,609	1,159,350	906,022	25,722	...	1,424	39,530	26,234	...	65,252	24,810	...	+61·34	37·8	26·20	−30·68
Delhi	643,515	804,933	525,676	23,996	...	3,920	34,428	31,137	...	58,424	27,217	...	+87·21	34·0	30·40	−10·59
Hissar	504,183	2,265,428	1,161,761	30,498	...	2,286	36,303	15,103	...	66,801	12,817	...	+23·74	36·3	22·60	−37·74
Jind State	251,231	...	...	23,328	93	...	28,268	5,070	...	51,596	5,163	...	+11·12	27·5	19·60	−28·72
Bikaner ,,	...	...	...	390	193	...	212	...	132	602	61	...	+11·27	...	...	...
Kalsia ,,	...	...	...	978	181	...	194	...	48	1,172	133	...	+12·80	...	...	...
Total Western Jumna Canal	3,642,422	7,408,550	4,225,668	133,309	5,850	7,630	182,602	94,553	184	315,911	92,589	...	+41·46	...	...	...
Bari Doab Canal.																
Gurdáspur	823,695	1,168,314	856,230	17,648	...	1,794	5,964	...	8,665	23,612	...	10,459	−30·70	25·6	27·4	+ 7·03
Amritsar	893,266	1,006,798	766,773	60,420	...	8,046	69,285	...	48,785	129,705	...	56,831	−30·47	18·0	25·2	+40·0
Lahore	924,106	2,334,552	1,164,921	(2)85,139	...	16,863	166,696	...	16,052	251,835	...	32,915	−11·56	15·1	19·8	+32·25
Total Bári Doáb Canal	2,641,067	4,509,664	2,787,924	163,207	...	(3)26,703	241,945	...	(3)73,502	405,152	...	100,205	−19·84	...	...	...
Sirhind Canal.																
Ludhiána	618,835	882,167	729,009	4,656	760	...	12,346	...	1,616	17,002	...	856	−4·8	27·80	21·25	−23·6
Ferozepore	747,329	1,761,280	1,344,000	29,025	2,139	...	123,823	41,732	...	152,848	43,871	...	+40·3	15·00	16·10	+7·3
Patiála State	...	...	...	216	205	...	5,501	5,120	...	5,717	5,325	...	+1,256·4	...	...	...
Nabha ,,	...	...	...	625	255	...	4,015	2,342	...	4,640	2,597	...	+127·1	...	...	...
Faridkot ,,	...	...	...	5,528	...	548	28,324	10,762	...	33,852	10,214	...	+43·2	10·64	10·84	+1·9
Jind ,,	...	...	...	...	...	...	2	2	...	2	2	...	...	...	...	...
Kalsia ,,	...	...	...	...	...	...	1,536	1,536	...	1,536	1,536	...	...	...	...	...
Total Sirhind Canal	1,366,164	2,643,447	2,073,009	40,050	3,359	548	175,547	61,494	1,616	215,597	63,545	856	+41·0	...	...	...
Swat River Canal.																
Peshawar	592,674	1,602,560	905,600	14,906	8,571	...	59,467	21,710	...	74,373	30,281	...	+68·68	32·2	9·3	−71·12
Total Perennial Canals	8,242,327	16,164,221	9,992,201	351,472	17,780	34,881	659,561	177,757	75,302	1,011,033	186,415	101,061	+9·22	...	...	...

(1) The difference of 1 acre in the Umballa District and of 30 acres in the Karnál District between the figures for Kharif, 1886, as shown in this statement and in form No. 1, for that crop, is due to additions subsequently made in the Karnál Division after submission of half-yearly statements by the Executive Engineer.

(2) The difference of 2,100 acres in the Lahore District between the area shown the half-yearly statement No. 1 of Kharif crop, 1886-87, and that shown in this statement, is due to the actual area of Chánga Mánga plantation irrigated, *viz.*, 8,250, acres being now shown.

(3) On the Bári Doáb Canal the decrease in the Kharif is due mainly to the April closure, also to the shortness of supply in July and August owing to the silted condition of the Inlet, and lastly to the rains having been good. In the Rabi the decrease is due to the favorable rain on 7th October which enabled large areas to be sown without the aid of canal water.

Area irrigated, 1885-86	. .	925,679 Acres.
Ditto 1886-87	. .	1,011,033 ,,
Net increase	.	85,354 ,,

F. J. HOME, *Lieut.-Colonel, R.E.,*
Offg. Joint Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

REPORTS ON THE STATE OF THE SEASON AND PROSPECTS OF THE CROPS FOR THE WEEK ENDING 11th AUGUST, 1887.

GENERAL REMARKS.—Rain is reported throughout the country during the week under notice.

Kharif operations are in progress everywhere, and prospects are generally very good, though a break in the rains in some parts of the country would be beneficial for the sowings.

In Madras the crops are in need of rain in several districts, and in Mysore more rain would also be welcome. In Coorg the outlook is favourable.

The rice crop promises well in Bombay, and the early rice in Bengal is reported to be a good crop. The late variety is being transplanted in Bengal, and transplantation also goes on in the Central Provinces. In Burma prospects are good. The reaping of two varieties of rice has been nearly finished in Assam, two more are still being cut, and a fifth is being transplanted.

Cotton requires a break in the weather in the Central Provinces and Berar.

Cholera is still prevalent in Bombay, North-Western Provinces, and in parts of Bengal. Elsewhere the public health is generally satisfactory.

Prices are rising in one district of the Punjab and are high in another. Elsewhere they are generally stationary.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Madras—(Aug. 10th)		
Bellary . . .	Average ·96	Standing crops generally good, but young early crops withering in parts for want of rain. Cholera decreasing in five, and cattle-disease increased in three taluks.
Kurnool . . .	Average 1·09	Standing crops good. Small-pox in three, and cattle-disease decreasing in four taluks. Cholera slight.
Ganjam . . .	Average last week since revised, 1·18; this week, ·52.	Agricultural operations deferred for want of more rain. Small-pox in four, fever in five, and cattle-disease increasing in two divisions. Cholera increasing.
Kistna . . .	Average ·46	More rain wanted. Agricultural operations progressing. River 5·8 feet over Anicut. Fever slight. Cholera decreasing, and cattle-disease increasing in four taluks.
Chingleput (Madras) .	Average ·26	Standing crops fair. Harvest wet and dry crops, outturn below average. Small-pox in two, and cattle-disease increasing in four taluks.
Coimbatore . . .	Average ·15	More rain wanted in parts. Standing crops generally good, but *cholum* affected by insects in parts. Harvest *cholum* and *cumbu*, outturn about average. Fever, and small-pox in one taluk.
Tanjore . . .	Average 1·05	Standing crops generally good. Harvest gingelly, outturn up to average. Cattle-disease increasing in five taluks.
Madura . . .	Average last week since revised, ·27; this week, ·36.	Cattle-disease decreasing in one taluk.
Malabar . . .	Average ·68	First crop paddy in ear in most parts, but require more rain. Fever in one, and small-pox slight in six taluks. Cattle-disease decreasing in one taluk.
Travancore . .	·46	Paddy being reaped. Fever in parts. *General Remarks.*—General prospects moderate.
Bombay—(Aug. 10th)		
Karachi . . .	. . .	River at Kotri on 8th, 18 feet 3 inches against 19 feet 9 inches on same date last year. *Kharif* transplanting in progress. Fever in five talukas. Wheat, red rice, and *bajri* in Karachi 22, 30 and 32 and in Tatta 22, 34 and 34 pounds per rupee, respectively.
Hyderabad . . .	Rain in three talukas	*Kharif* cultivation in progress. Fever in two and small-pox and cattle-disease in one taluka. River at Kotri on 8th, 18 feet 3 inches against 19 feet 9 inches on same date last year. Wheat 24, *jowari* 40, *bajri* 36, white rice 18, and red rice 29 pounds per rupee.
Ahmedabad . . .	2·07; total 21·64; rain in three talukas and light showers in others.	Young crops doing well. Transplantation of rice in progress. Break in weather desirable Public health good. One fatal case of cholera in the city. Wheat 28 and *bajri* 30 pounds per rupee.
Baroda . . .	2·37; total 39·17	Cholera decreasing in Baroda city, 3 deaths. Sowing of *bajri*, *jowari*, and cotton stopped in Nosari on account of excessive rain. *Bajri* 27, wheat 19 and rice 22 pounds per rupee.
Surat	Rain in all talukas—maximum in Bardoli, 4·67 and minimum in Chorasi, 1·80.	Break much needed. Crops have suffered from excessive moisture. Sowing and resowing retarded. Rice crops healthy. Cattle in Olpad taluka dying of sore-throat. Cholera in Bulsar, 27 cases, 20 deaths. *Jowari* 34 and *nagli* 44 pounds per rupee.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Bombay—*contd.*		
Nasik . . .	Igatpuri, 14·85; Peint, 6·71; Nasik, 1·86; Dindori, 1·43; Sinnar, ·92; Niphad, ·91; Kalwan, ·71; Chandvad, 63; Yeola, 30; Baglan, ·21; and Malegaon, ·13.	Sowing and transplanting in progress. Transplanting retarded in Igatpuri, in consequence of heavy rain. Standing crops healthy and progressing. Cholera in Nasik, Niphad, Chandvad, Yeola, Nandgaon, Malegaon, and Baglan, attacks 151, deaths 53. Slight fever and ague in Peint.
Colaba (Bombay) . .	Rain every day; total of week 1·95; total to date 58·64, being 8·29 above average.	Abnormal temperature 2° cool on 3rd, *nil* on 5th and 1° warm on all other days. Vapour in air normal. Abnormal wind easterly on 6th and 7th, wind normal in all other days.
Poona	Rain in six talukas—maximum 5·45 in Petha Mulshi and minimum ·25 in Petha Baramati; none in Indapur and Bhimthari talukas.	In Indapur and Bhimthari talukas as well as in parts of Haveli taluka more rain is wanted. Sowing of *kharif* crops still continues. Excessive moisture has slightly damaged the crops in Khed taluka. Public health generally good. Cattle-disease in Petha Ambegaon and small-pox in Khed taluka. 641 cholera cases in Indapur, Khed, Purandhar, Bhimthari, and Haveli talukas, 271 fatal; in Poona city, 90 attacks, 40 deaths. *Bajri* 41 and *jowari* 53 pounds in the district, and *bajri* 34 and *jowari* 43 pounds per rupee in Poona city.
Ahmednagar . .	Akola, 1·19; Karjat, ·62; Parner, ·59; and Sreogaon, ·56; very slight in five and none in two talukas.	*Kharif* sowing finished in six and in progress in five talukas. Rain urgently wanted. Cholera attacks 279, deaths 134. *Bajri* 36 and *jowari* 51 pounds per rupee.
Sholapur . . .	Sholapur, 1·74; Barsi, ·24; Madha ·06, and Karmala, ·20.	Rain urgently required for standing *kharif* crops in all talukas except Sholapur. Slight cholera here and there in the district, cases 157, deaths 70. Cattle-disease in a mild form in Sholapur and Sangola talukas. *Jowari* 57⅝ and *bajri* 51 pounds per rupee.
Dharwar . . .	Dharwar, 1·21; Hangal, 1·29; Nargund, ·65; Kalghatgi, ·57; Ron ·48; Bankapur, ·13; Mugud, ·12; and Karajgi, ·05; none in other talukas.	Rice and minor crops good. Heavy rain urgently wanted throughout the districts. Sowing of *jowari* retarded for want of rain in eastern talukas. Slight cholera in Hubli, and slight cattle-disease in Dharwar and Nawalgund talukas. *Jowari* 54 and rice 24 pounds per rupee.
Kanara . . .	Karwar, 2·06; total 93·97; Kumpta, 1·30; Sirsi, 1·96; and Haliyal, ·93.	Crops healthy. Slight cattle-disease throughout the district. Common rice in Karwar 10½ and district average 12 seers per rupee.
Rajkot . . .	1·15; total 23·17.	Prevailing disease—bowel-complaints and fever. Crops damaged in some places, owing to excessive rain. Wheat 23, *bajri* 24 and *jowari* 29 pounds per rupee.
		General Remarks.—Rain in most districts, more still wanted in parts of the Deccan and Southern Mahratta country. *Kharif* sowing and transplanting in progress in several districts, but retarded by excessive rain in parts of Guzerat and Nasik, and for want of rain in parts of Dharwar and Bijapur. Standing crops damaged by excessive rain in parts of Kathiawar, Panch Mahals, Khandesh, and Poona. Cholera in parts of seventeen, cattle-disease in parts of twelve, fever in parts of seven, and small-pox in parts of five districts.
Bengal—(Aug. 10th)		
Chittagong . . .	15·00	Weather seasonable. Transplanting of *aman* continued. Prospects of crops good. Prices stationary. Cholera still reported. General health good.
Dacca	1·39	*Aus* paddy and jute being cut. Prospects of *aman* paddy good. Some injury sustained by fall of rivers. Public health good.
24-Pergunnahs (Calcutta).	1·22	Weather seasonable, with occasional showers. Prospects of crops favourable. Transplanting of *aman* in progress. Public health generally good.
Khoolna . . .	3·0	Weather cloudy, with rain. Transplanting of *aman* going on. Prospects of *aus* fair. Public health good.
Moorshedabad . .	3·56	Weather very hot. Rain at intervals. Transplanting of *aman* paddy proceeding. *Til*, sugarcane, and jute progressing. Public health good.
Pubna	2·55	Seasonable rain. Prospects of crops good. Public health good.
Dinagepore . . .	16·00	Heavy rain. *Bhadoi* harvest and transplanting of winter rice in progress.
Rungpore . . .	11·84	Heavy rain favourable for rice planting. Prospects fairly good. Prices rising. Public health fair.
Midnapore . . .	4·31	Heavy floods in north of district subsiding. Prospects excellent, except in flooded areas.
Burdwan . . .	5·4	Prospects good, except in Culna, where rain is short. Cholera in Burdwan and cattle-pox in Culna and Burdwan.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Bengal—*contd.*		
Bhagalpur . . .	4·15	Rain has much benefited all crops. Transplanting can now be completed. Early rice and *marua* good. There will be a further loss in *makai* from floods. Outturn of this crop will be very poor.
Purneah . . .	2·81	Transplanting of *aghani* paddy in progress, but rain wanted in Kishengunge subdivision. Rivers falling. Public health fair.
Durbhanga . . .	6·29	*Bhadoi* crops doing well. Transplanting of paddy progressing. Injury to indigo in north from excessive rain. Public health generally good.
Chumparun . . .	4·00	Rain has much improved prospects of both *bhadoi* and paddy crops. Deaths from cholera still increasing.
Patna	1·69	*Bhadoi* crops and sugarcane promising. Transplanting of paddy going on. Cholera prevalent in Behar subdivision. Sporadic cases also reported in other subdivisions.
Gya	5·53	*Bhadoi* coming on very well. Paddy transplantation freely going on. Prospects very good. Cholera still raging. Fever and small-pox also reported.
Hazareebagh . .	5·68	Incessant rain. Prospects very favourable. All crops doing well. Rice being transplanted. General health fair, except cholera here and there.
Cuttack . . .	2·10	*Beali* rice ripening in places. *Sarad* rice doing well. Price of rice unchanged. Cases of cholera still reported. Public health generally good.
		General Remarks.—Rainfall has been fairly general over the whole Province. Agricultural prospects generally favourable, except in north of Midnapore, where heavy floods have occurred. Transplanting of late rice now proceeding well. Early rice and jute are being harvested in some districts, and generally reported of as good crops, except in Julpaiguri, where the outturn will be very short. Sugarcane promising, as also the *bhadoi* crops in Behar. Public health generally good, but indifferent in Beerbhoom and some of the Behar districts.
N.-W. Provinces and Oudh (Aug. 10th)		
Benares (Aug. 9th)	8·7 at Sadr and general over district.	Prospects much improved. Prices steady. Fewer cases of cholera.
Ballia („ 8th)	Averaging 2·9	Supplies ample. Prices rising. Cholera abating.
Gorakhpore („ „)	2·7 at Sadr and abundant rain throughout district.	Prices falling. Cholera continues.
Fyzabad („ 9th)	Averaging 3·4	Prospects improved. Supplies ample. Cholera in city and two tahsils, and small-pox in one.
Lucknow („ 8th)	Heavy rain on the 5th August.	Rain has benefited very much the young *kharif* crops. *Mash* and *mothi* being sown. Supplies sufficient. Prices stationary. Cholera both in the city and district.
Rai Bareli („ „)	Averaging 2·4	Prospects fair. Markets full. Prices steady. Cholera continues.
Partabgarh („ 9th)	Rain continues	Crops generally promising. Prices nearly stationary. Cholera still lingers.
Allahabad („ „)	General rain from 2·3 to 5·4	Crops have germinated well. *Bajri* sowing continues. Prices have a tendency to rise. Sporadic cholera continues.
Cawnpore („ „)	General rain from 1·4 to 5·6.	Crops doing well. Prices stationary. Cholera continues. Cattle-disease in one pergunnah.
Farakhabad („ „)	Abundant rain	Crops thriving. *Kharif* sowing completed. Prospects good. Supplies ample. Prices lowering. Cholera in three tahsils.
Sitapur („ „)	Good and general rain	*Kharif* prospects favourable. Cholera decreasing.
Bareilly („ „)	Ample rain	Crops doing very well. Prices easier. Health good.
Banda („ 8th)	Good and general rain.	*Kharif* crops flourishing, but sowing in some places stopped by rain. Prices stationary. Cholera continues. Slight cattle-disease in two pergunnahs.
Kumaon („ 9th)	Heavy rain yesterday and fair before.	Crops good. Prices steady. Cholera almost ceased. Slight cattle-disease.
Agra („ 8th)	General rain from 1·8 to 7·8	Break much needed. Prices steady. Cholera continues.
Jhansi („ „)	Varying from ·5 to 6·1	Break needed. Weeding in progress. Prices steady. Cholera continues.
Meerut („ 9th)	General rain from 1·0 to 6·4	Condition of *kharif* crops excellent. Prices stationary. Health good.
		General Remarks.—Rainfall has been general and abundant, and in some districts a break is needed. *Kharif* crops are flourishing. Supplies are ample and prices steady. Cholera is prevalent, but not increasing, and fever is reported from two districts. Otherwise the health of the people is generally good.
Punjab—(Aug. 10th)		
Hissar (Aug. 9th) .	Rain sufficient for sowings.	Prices falling. *Kharif* sowings in progress.
Delhi . . .	3·38	Health fair. Prices stationary. *Kharif* crops progressing.
Umballa . . .	3·30	Health fair. Prices stationary. *Kharif* crops flourishing.
Jullundur . . .	·30	Health good. Prices stationary. *Kharif* sowings completed.
Ferozepore . . .	2·70	Health good. Prices falling. *Kharif* sowings in progress.
Amritsar . . .	·40	Health good. Prices stationary. *Kharif* crops good.
Sialkot . . .	7·30	Health good. Prices steady. *Kharif* crops and sowings benefited by rainfall.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Punjab—*contd.*		
Lahore	·30	Prices stationary.
Multan	. . . .	Health good. Prices rising. *Kharif* crops good on canal lands.
Rawalpindi	2·0	Health good. Prices stationary. *Kharif* prospects good.
Shahpur	1·0	More rain wanted. Health good. Prices high.
Dera Ismail Khan	. . . .	Health good. Prices steady. *Kharif* ploughings in progress.
Peshawar	·20	More rain wanted. Prices stationary *Kharif* sowings progressing.
		General Remarks.—Rain has fallen in all districts, except Multan and Dera Ismail Khan; more rain wanted in Shahpur and Peshawar. Health good, except in Delhi and Umballa, where it is fair. Cases of cholera in Delhi, Ferozepore, Lahore, and Peshawar. Prices stationary in Delhi, Umballa, Jullundur, Amritsar, Lahore, Rawalpindi and Peshawar; steady in Sialkot and Dera Ismail Khan; rising in Multan; falling in Hissar and Ferozepore; and high in Shahpur. *Kharif* sowings and ploughings generally satisfactory.
Central Provinces—(Aug. 10th)		
Nagpur	3·39	Weather rainy; break wanted. *Jowari* and cotton suffering. Health good. Prices steady.
Jubbulpore	3·08	Weather cloudy and showery. Prospects favourable. Weeding commenced. Fever prevalent. Prices steady.
Saugor	·65	Weather cloudy and showery. Slight cholera in Rehli tahsil. Prices rising.
Seoni	9·15	Weather wet. Rice transplanting progressing well. Weeding impeded. Prospects good. Slight cholera. Prices steady.
Hoshangabad	2·18	Weeding in progress. Some cholera and small-pox. Prices stationary.
Khandwa	1·45	Weather cloudy and showery. Break would do good. Prospects unchanged. Slight cholera. Prices steady.
Bilaspur	4·66	More rain needed in Mungeli tahsil. Cotton slightly injured in Seorinarain. Fever prevalent. Wheat being exported.
Raipur	3·62	Weather cool and cloudy. Second ploughing nearly finished. Weeding progressing. Price of rice fallen.
Sambalpur	. . . .	No report received.
		General Remarks.—Rainy weather has continued throughout the week and a break is much required for the *jowari* and cotton crops, especially in the Warda and Nagpur districts. More rain is wanted in parts of Bilaspur.
Burma—(Aug. 10th)		
Akyab (Aug. 6th)	13·14 (Total rainfall to date 94·93).	Slight cattle-disease. Sowing nearly completed.
Bassein	6·21 (Total rainfall to date 58·86).	Two cases of small-pox in one township. Slight cattle-disease. Transplanting continues.
Rangoon	4·43 (Total rainfall to date 71·64).	Nineteen cases of cholera, of which 8 proved fatal at Dallah.
Amherst (Moulmein)	8·75 (Total rainfall to date 121·01).	Five deaths from cholera in jail. Ploughing and transplanting progressing. Prospect of crops bad.
Tavoy	11·29 (Total rainfall to date 114·46).	Crops healthy.
Pegu	7·38 (Total rainfall to date 87·91).	Fever prevailing in one township, with great mortality.
Henzada	3·63 (Total rainfall to date 46·91).	Transplanting progressing.
Prome	3·83 (Total rainfall to date 23·56).	
Toungoo	7·36 (Total rainfall to date 46·35).	Health of cattle fair in district and cattle-disease prevalent in town. Sowing progressing. Transplanting commenced.
Thayetmayo	1·05 (Total rainfall to date 15·54).	Ploughing continues.
Shwebo	1·70 (Total rainfall to date 19·12).	Sowing commencing. Prices of paddy Rs. 130.
Myingyan	2·80 (Total rainfall to date 14·11).	Food-supply sufficient. Prices of paddy Rs. 125.
Mandalay	2·32 (Corrected total rainfall to date 20·17).	Small-pox in one township. Transplanting of *mayin* crops progressing. Food-supply sufficient. Prices of paddy Rs. 80 to Rs. 160.
Minbu	1·15 (Total rainfall to date 11·30.)	Prices of paddy Rs. 110.

Presidency or Province and District.	Rainfall for week under report.	State of agricultural prospects.
Burma—*contd.*		
Yamethen . . .	2·58 (Total rainfall to date 15·34).	Food-grain insufficient. Prices of paddy at head-quarters Rs. 170. Ploughing commenced.
		General Remarks.—Cholera in Dallah quarter, Rangoon, and in Moulmein jail. Fever in Pegu and small-pox at Bassein. Cattle-disease in several districts. Crops have suffered in Moulmein and Amherst from heavy rain, otherwise prospects good. Reports from nine Upper Burma districts. Health generally good. Food scarce in Yeu and Yamethen. Slight cattle-disease.
Assam—(Aug. 10th)		
Gauhati (Aug. 9th)	3·67	Weather rainy and cool. Public health fair. Malarial fever still continues in Barpetta. Cattle-disease reported from Patidarrang and Chomoria tahsils. Reaping of *aus* crop in Barpetta finished, and in Sadr nearly finished. Transplanting of *sáil* in progress. Sugarcane and tea doing well.
Sylhet	3·43	State and prospects of the crops good. More rain wanted at places.
Cachar	4·88	Weather wet. Transplanting of *sáil* and reaping of *dumai* and *murali* crops continues. Common rice 16 seers per rupee. Public health good. Tea doing well.
Dibrugarh . . .	10·60	Weather rainy. Reaping of *ahu* nearly over. Transplanting of *sáil* progressing. Health fair.
Mysore and Coorg—(Aug. 10th)		
Bangalore . . . } Mysore . . . }	Except in parts of the Shimoga and Kadur districts, slight rain reported throughout the State.	Standing crops in good condition. Prospects of season fair. More rain needed for crops in Bangalore, Mysore, and Tumkur districts. Public health generally good. Fever and cattle-disease prevalent in parts. Prices have slightly risen in Bangalore and Chitaldrug districts, and fallen in Hassan district.
Mercara . . .	3·41	Standing crops in good condition. Health and prospects good.
Berar and Hyderabad—(Aug. 10th)		
Amraoti . . .	1·85	Weather cloudy, and sowing and weeding in progress. Cotton doing well. Cholera in parts. Cattle healthy. Wheat 15 and *jowari* 25 seers per rupee.
Akóla* . . .	1·96	Weather cloudy and close. *Jowari* and cotton suffering in places from too much moisture. Cholera, fever, and cattle-disease still prevalent.
Hyderabad . . .	Average rainfall during week ·75; total since 1st January 11·6.	Sowing of *kharif* and *rabi* crops progressing. Prices—wheat 12¾, coarse rice 12, white *jowari* 16¾, yellow *jowari* 20¾, and *tur* 14¾ seers per current sicca rupee.
Central India States—(Aug. 10th)		
Indore . . .	1·76	Break badly wanted.
Gwalior . . .	9·52	Cholera in Lashkar, of 484 cases, 200 reported fatal. Prospects of crops good.
Neemuch . . .	1·20	Few cases of cholera in adjoining districts, 3 fatal cases of cholera among European troops.
Goona . . .	2·83	Health and prospects good.
Sutna . . .	2·95	No report received.
Agar . . .	1·80	Weather cloudy. Break required. Health good.
Sehore . . .	·92	Break wanted. Health good.
Nowgong . . .	4·21	Weather seasonable. Prospects favourable. Cholera in parts.
Bhopawar . . .	1·94	Crops damagad in some places by excessive rain. Slight cholera at Jhubna. Prices slightly rising.
Rajputana—(Aug. 10th)		
Abu (Aug. 10th)	8·39	Excessively damp. Weather overcast and foggy. Break much needed.
Sirohi („ 7th)	1·49	Weather overcast. Rainfall small. Tanks fairly full. Wells good. Health good. *Kharif* nearly all sown.
Marwar („ 6th)	·12	Weather cloudy, and very little rain in city and districts. Tanks and wells same as last week. Few cases of cholera in Jodhpur. Health improving in city and districts. Crops thriving. Market easy. Prices stationary.
Meywar („ „)	·13	Rain below average. Weather cloudy. Water in wells and tanks increasing. Crops fair. Health fair. Prices stationary. Sunshine needed.
Pertabgurh („ „)	1·53	Weather cloudy all over the week. Health good. Prices falling.
Harowti („ „)	Deoli, ·97; Tonk, 4·24; Shahpur, 4·23 in previous week.	Indian corn slightly damaged in parts by wet weather. Break needed. Health good.
Jhalawar („ 7th)	·50	Weather cleared in time. Little fever.